

AD-A140 247

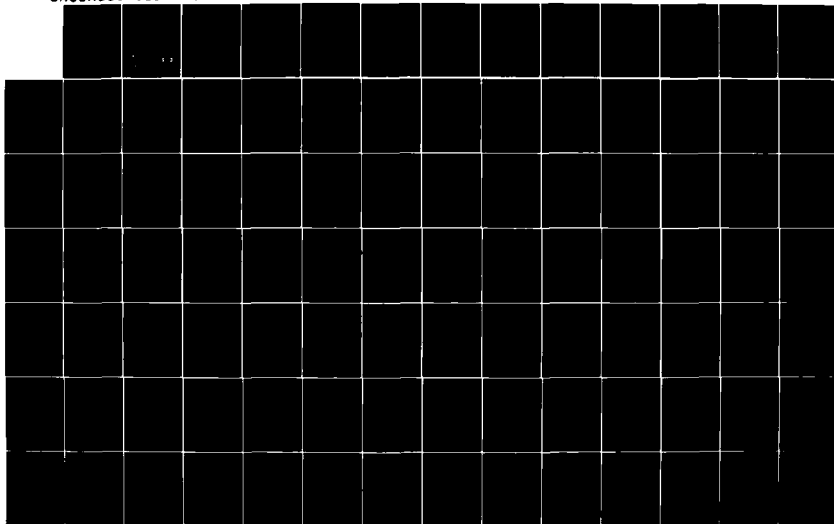
WOODBIDGE RAF UNITED KINGDOM REVISED UNIFORM SUMMARY
OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. 07 MAR 84
USAFETAC/DS-84/011 SBI-AD-E850 623

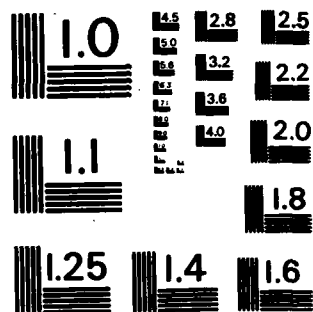
1/5

UNCLASSIFIED

F/G 4/2

NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

UK035971

①

HDT 850 63
USAFETAC/DS-24/04

ADA140247

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

AMS TECHNICAL LIBRARY
FL 411A
SCOTT AFB IL 62115

**REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS**

WOODBRIDGE RAF UK MSC #035951
N 52 05 E 001 24 ELEV 96 FT EGVG

PARTS A-F HOURS SUMMARIZED: 0000Z - 2300Z

PERIOD OF RECORD:

HOURLY OBSERVATIONS: SEP 73 - AUG 83

SUMMARY OF DAY DATA: OCT 54 - MAR 56, FEB 57 - AUG 83

TIME CONVERSION GMT TO LST: 0

00 MAR 1984

07 MAR 1984

DISTRIBUTION STATEMENT A

Approved for public release
Distribution Unlimited

**FEDERAL BUILDING
ASHEVILLE, N. C.**

**DTIC
ELECTE**

APR 12 1984

S D

DTIC FILE COPY

84 04 09 004

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

ADE 850623

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS-84/011	2. GOVT ACCESSION NO. AD-A140247	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Woodbridge RAF, United Kingdom.		5. TYPE OF REPORT & PERIOD COVERED Final rept															
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER															
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB, IL 62225		8. CONTRACT OR GRANT NUMBER(s)															
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB, IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS															
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE MAR 84															
		13. NUMBER OF PAGES 320															
		15. SECURITY CLASS. (of this report) UNCLASSIFIED															
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE															
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.																	
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES SUPERSEDES REPT NO. USAFETAC/DS-78/011, AD-A061835, AUG 78.																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) <p>This report is a six-part statistical summary of surface weather observations for Woodbridge RAF, United Kingdom.</p> <p>It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (Daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric (over)</p>																	

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
*United Kingdom *Woodbridge RAF *UK035951
*Woodbridge *Great Britain

20. Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurring tables.

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

REVIEW AND APPROVAL STATEMENT

This report, ETAC/DS-84/011 , is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

Wayne E. McCollom

WAYNE E. MCCOLLOM
Chief, Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

Walter S. Burmann

WALTER S. BURGMANN
Director, Air Weather Service
Technical Library

4 APR 1984



Accession For	
NTIS GRA&I	<input checked="" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A-1	

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER DATA NOT AVAILABLE

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE DATA NOT AVAILABLE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0100, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

FEBRUARY _____

MARCH _____

APRIL _____

MAY _____

JUNE _____

JULY _____

AUGUST _____

SEPTEMBER _____

OCTOBER _____

NOVEMBER _____

DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
035951	WOODBIDGE ENGLAND RAF STN/UK	N 52 05	E001 24	96	EGVG	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARD.	
1	Woodbridge, England	RAF	Nov 54	Mar 56	N 52 05	E 001 24	95 ft	105 ft	24
2	Same	RAF	Apr 56	Dec 56	Same	Same	98 ft	120 ft	24
3	Same	RAF	Jan 57	03 Nov58	Same	E 001 25	98 ft	Same	24
	Stn closed		04 Nov58	03 Dec58					
4	Same	RAF	04 Dec58	Mar 60	Same	Same	Same	Same	24
		RAF	Apr 60	Dec 68	Same	Same	Same	104 ft	24
		RAF	Jan 69	Dec 70	Same	E 001 24	Same	Same	24
5	Same	RAF	Jan 71	Aug 75	Same	Same	96 ft	102 ft	24
6	Same		Sep 75	Dec 75	Same	Same	Same	Same	24
7	Same	Same	Jan 76	Aug 77	Same	Same	Same	Same	17
8	Same	Same	Sep 77	Feb 82	Same	Same	Same	Same	24
9	Same	Same	Mar 82	Dec 83	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Nov 54	Located on top of the Weather Station.	AN/GMQ-1	ML204B	30 ft	
2	Apr 56	Located on roof of control tower	Same	Same	40 ft	
3	Jan 57	Same	Same	Same	34 ft	
4	Apr 58	Located 800 ft from weather station on a heading 075 degrees magnetic, 550 ft from centerline of runway.	Same	Same	15 ft	
5	Apr 59	Same	AN/GMQ-11	RO-2	13 ft	
6	Apr 60	Located 800 ft ENE OF ROS.	Same	Same	Same	
7	Nov 66	1. Located 1250 ft E of 09 end of runway, 500 ft S of 09 end of runway centerline.	AN/GMQ-20	RO362		

USAFETAC FORM 0-19 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
8	Jun 69	2. Located 450 W of 27 end of rnwy, 500 ft S of 27 end of rnwy centerline. 1. Same	Same	RO-362	Same	
9	Jan 70	2. Same 1. Located 2300 ft E of 09 End of rnwy, 525 ft S of 09 end of rnwy centerline. 2. Located 1450 ft W of 27 end of rnwy centerline.	Same Same	Same	Same	
10	Nov 78	1. Same 2. Same	Same AN/GMQ- 20	Same	Same	
11	Dec 83	1. Same 2. Same	Same Same	Same	Same Same	

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

74-75,77-83
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIR	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02		9.9		2.7		11.7	30.7	18.1			43.8	769
	03-05		10.3		2.6		12.3	28.9	19.7			48.6	741
	06-08		12.5		3.2		14.7	27.8	18.9			46.7	773
	09-11	.1	14.5	.1	4.7		18.2	22.9	24.7	.2		47.8	834
	12-14		14.6	.1	4.6		18.1	16.4	29.1			45.6	834
	15-17		15.7		3.8		17.9	14.5	32.5			47.3	834
	18-20		14.3		1.7		15.1	22.1	23.7			45.8	834
	21-23		9.7		1.8		11.5	28.5	20.5			49.0	834
TOTALS		.5	12.7	.0	3.1		14.9	24.0	23.4	.0		47.4	6453

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

35951 WOODBRIDGE RAF UK 74-75, 77-83 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	00-02		13.2		5.1		16.5	35.2	22.3			57.2	75
	03-05		9.1		3.7		12.3	40.2	20.6			60.9	674
	06-08		9.5	.1	3.7		12.4	38.8	22.9	.1		61.9	73
	09-11		11.6	.4	4.3		15.8	26.2	34.4	.3		61.9	759
	12-14		10.7	.3	5.7		15.2	14.5	39.8	.1		54.4	750
	15-17		13.4		5.4		18.6	11.3	42.3			53.6	750
	18-20		13.7		3.2		16.5	21.2	36.9	.4		58.5	759
	21-23		12.3		2.8		14.8	28.7	25.4	.3		54.4	759
TOTALS			11.7	.1	4.1		15.2	27.1	30.5	.2		57.7	5877

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

135951 WOODBRIDGE 9AF UK 74-83 MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-02		13.9		.3		14.2	26.3	19.0			45.3	746
	03-05		16.3		1.1		17.0	29.9	17.8			47.7	723
	06-08		18.0		2.0		18.7	31.8	22.9			54.6	818
	09-11		20.4		2.5		21.5	15.4	31.0			46.5	902
	12-14	.1	18.5		1.8	.2	19.4	7.1	36.7		.1	43.9	902
	15-17	.2	16.5		.7		16.8	6.2	37.2		.3	43.7	901
	18-20		15.1		.2		15.3	12.1	29.5			41.5	903
	21-23		16.3		.7		16.8	19.1	20.2			39.3	885
TOTALS		.0	16.9		1.2	.0	17.5	18.5	26.8		.1	45.3	6780

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

74-83

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-02	.1	7.4		.8		7.6	26.8	22.7			49.5	792
	03-05		11.6		.5		11.9	33.4	26.8			54.2	793
	06-08		12.6		1.4		12.9	26.7	29.9			56.6	866
	09-11		12.8		.9	.1	13.2	7.9	36.9		.1	44.9	900
	12-14	.1	12.3		.3	.4	12.9	4.1	31.7		.3	36.2	899
	15-17	.2	12.3		1.7		12.6	3.4	31.8		.3	35.6	920
	18-20	.1	9.9		.4		10.3	10.4	27.3			37.8	900
	21-23	.1	9.1		.9		9.6	17.3	23.8			41.1	895
TOTALS		.1	11.0		.8	.1	11.3	16.3	28.1		.1	44.5	6945

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

35951 WOODBRIDGE RAF UK 74-83 MAY
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.1	9.4				9.4	19.9	24.8			44.7	834
	03-05	.1	8.5				8.5	34.9	24.1			59.0	834
	06-08		8.8				8.8	20.0	38.2			58.1	896
	09-11	.2	9.2				9.2	5.0	40.7			45.7	924
	12-14	.1	9.3				9.3	1.9	37.0		.1	39.1	924
	15-17	.4	9.4				9.4	1.9	36.4		.2	38.5	924
	18-20	.3	8.1			.1	8.2	4.7	33.0			37.7	924
	21-23	.4	8.4				8.4	10.2	28.3			38.5	927
TOTALS		.2	8.9			.0	8.9	12.3	32.8		.0	45.2	7187

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

74-83

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	.2	10.3				10.3	24.1	22.4			46.6	812
	03-05	.1	7.9				7.9	39.2	23.2			62.3	812
	06-08	.5	10.4				10.4	19.5	36.1			55.6	872
	09-11	.4	8.2		.1		8.2	6.0	34.9			40.9	897
	12-14	1.1	9.0				9.0	1.3	32.2			33.5	898
	15-17	1.9	8.6				8.6	.6	29.4			29.9	899
	18-20	.6	7.2				7.2	3.6	31.9			35.5	899
	21-23	.7	8.0				8.0	12.7	27.7			40.4	899
TOTALS		.7	8.7		.1		8.7	13.4	29.7			43.1	6988

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035951
STATION

WOODBIDGE RAF UK
STATION NAME

74-83
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	00-02	.4	5.0				5.0	29.9	18.2			48.2	845
	03-05	.2	6.9				6.9	39.9	18.5			58.5	852
	06-08	.2	8.7				8.7	20.4	36.8			57.2	904
	09-11	.1	9.8				9.8	3.9	36.7			40.5	930
	12-14	.5	9.0				9.0	1.9	32.0			34.0	930
	15-17	.4	6.9				6.9	2.0	33.0			35.1	929
	18-20	1.2	7.4				7.4	4.7	32.6			37.4	929
	21-23	.5	7.5				7.5	16.1	27.1			43.2	930
TOTALS		.4	7.7				7.7	14.9	29.4			44.3	7249

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

74-83
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.3	6.1				6.1	33.9	21.3			55.2	924
	03-05	.9	7.1				7.1	42.1	19.5			61.6	924
	06-08	.5	8.5				8.5	27.7	34.8			62.5	928
	09-11	.3	8.6				8.6	4.8	39.4			44.2	930
	12-14	.5	7.4				7.4	1.4	37.8			39.2	930
	15-17	.3	7.3				7.3	2.9	38.9			41.8	930
	18-20	.4	6.3				6.3	6.1	39.6			45.7	930
	21-23	.3	4.0				4.0	19.6	30.4			50.0	930
TOTALS		.4	6.9				6.9	17.3	32.7			50.0	7426

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035951
STATION

WOODBIDGE RAF UK
STATION NAME

73-82

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.7	10.1				10.1	24.8	26.0			50.8	900
	03-05	.3	10.3				10.3	31.7	22.1			53.8	900
	06-08	.4	11.7				11.7	31.7	27.7			59.3	900
	09-11		9.1				9.1	7.3	39.6			46.9	900
	12-14	.1	9.4				9.4	2.8	35.6			38.3	900
	15-17	.1	8.3				8.3	2.3	40.2			42.6	900
	18-20	.7	8.4				8.4	7.9	38.9			46.8	900
	21-23	.6	9.1				9.1	17.7	30.7			48.3	900
TOTALS		.4	9.6				9.6	15.8	32.6			48.4	7200

GLOPAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

73-82

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.2	12.2				12.2	34.5	18.9			53.4	930
	03-05		12.8				12.8	39.8	16.9			56.7	930
	06-08	.2	13.5				13.5	39.8	23.5			63.3	930
	09-11		12.9				12.9	19.0	35.3			54.3	930
	12-14		12.6				12.6	9.6	32.8			42.4	930
	15-17		14.1				14.1	8.1	35.2			43.2	930
	18-20		14.3				14.3	18.4	28.0			46.3	930
	21-23	.1	13.3				13.3	26.3	21.9			48.3	930
TOTALS		.3	13.2				13.2	24.4	26.6			51.0	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

73-87

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02		9.3		.1		9.4	29.6	20.5			50.1	800
	03-05		10.8		.5		11.2	30.4	18.6			49.1	795
	06-08		12.7		.9		13.4	29.3	20.0			49.3	801
	09-11		15.1		.5		15.4	18.0	25.2			43.2	810
	12-14		14.7		.2		14.9	11.1	27.2			38.3	812
	15-17		14.1		.5		14.6	12.5	32.3			44.8	810
	18-20		12.1		.7		12.7	20.2	26.0			46.3	810
	21-23		10.8		.5		11.2	25.0	24.1			49.1	809
TOTALS			12.5		.5		12.9	22.0	24.2			46.3	6447

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035951
STATION

WOODBIDGE RAF UK
STATION NAME

73-74, 76-87
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02		12.0		2.0		13.2	29.7	19.4			49.1	768
	03-05	.3	11.6		2.0		13.1	32.9	16.2			49.1	735
	06-08	.1	13.4		2.4		15.1	29.6	19.4	.3		49.2	764
	09-11		14.5		2.7		16.6	21.5	30.1	.1		51.6	825
	12-14		13.0		3.4		15.9	14.4	34.2			48.6	825
	15-17		12.7		2.4		14.7	17.8	36.4			54.2	825
	18-20		12.5		2.1		14.2	24.4	27.8			52.2	824
	21-23		14.8		2.0		16.2	27.0	23.0			50.0	820
TOTALS		.1	13.1		2.4		14.9	24.7	25.8	.1		50.5	6386

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

73-83

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.0	12.7	.0	3.1		14.9	24.0	23.4	.0		47.4	6453
FEB			11.7	.1	4.1		15.2	27.0	30.5	.2		57.7	5877
MAR		.0	16.9		1.2	.0	17.5	18.5	26.8		.1	45.3	6780
APR		.1	11.7		.8	.1	11.3	16.3	28.1		.1	44.5	6945
MAY		.2	8.9			.0	8.9	12.3	32.8		.0	45.2	7187
JUN		.7	8.7		.0		8.7	13.4	29.7			43.1	6988
JUL		.4	7.7				7.7	14.9	29.4			44.3	7249
AUG		.4	6.9				6.9	17.3	32.7			50.0	7426
SEP		.4	9.6				9.6	15.8	32.6			48.4	7200
OCT		.1	13.2				13.2	24.4	26.6			51.0	7447
NOV			12.5		.5		12.9	22.0	24.2			46.3	6947
DEC		.1	13.1		2.4		14.9	24.7	25.8	.1		50.5	6386
TOTALS		.2	11.1	.0	1.0	.0	11.8	19.2	28.6	.0	.0	47.8	82378

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $\frac{5}{8}$ mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XX XX XX XX XX XX XX XX XX XX
XX WEATHER CONDITIONS XX
XX XX XX XX XX XX XX XX XX XX
ATMOSPHERIC PHENOMENA

03051 WOODBRIDGE RAF JK 54-83 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY	.4	56.1	.5	18.8	.5	68.2	56.7	83.3	1.2		91.6	836
FEB		.2	52.5	.2	23.9		65.6	58.1	86.9	1.1		92.3	879
MAR		1.3	57.7		12.8	1.2	62.7	52.8	89.2	.1		92.1	897
APR		2.3	61.8		6.8	2.1	62.7	49.2	83.3			95.7	840
MAY		6.3	63.0		.5	1.3	60.0	45.5	85.7			88.1	868
JUN		9.0	48.9		.1	.9	48.9	44.0	54.1			86.1	810
JUL		9.7	53.6			.6	53.6	48.3	85.6			97.9	868
AUG		7.4	51.5			.1	51.5	55.3	89.3			90.6	868
SEP		5.3	51.4			.6	51.4	55.1	86.9			89.3	810
OCT		2.1	56.7			.5	56.7	61.6	87.1			91.6	861
NOV		1.0	67.0		5.0	.6	68.6	58.6	85.1			90.3	783
DEC		.5	62.0	.1	10.9	1.1	66.2	62.6	85.6	.4		93.2	847
TOTALS		3.8	56.8	.1	6.6	.8	59.7	54.1	86.0	.2		89.9	1097

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

35951
STATION

WOODBRIDGE RAF UK
STATION NAME

54-83
YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	31.3	17.5	5.8	15.2	9.2	13.2	6.7	1.1						51.2	856	2.05	4.02	.55
FEB	32.9	20.4	4.7	15.5	9.7	11.5	4.9	1.0	.1					46.7	809	1.62	3.40	.25
MAR	35.7	19.7	4.9	14.6	8.0	10.5	5.7	.8	.1					44.6	897	1.68	3.62	.33
APR	36.3	20.5	5.8	13.9	7.7	9.8	4.9	1.0	.1					43.2	840	1.52	4.13	.20
MAY	38.6	19.7	4.8	14.3	6.9	9.7	4.3	1.2	.6					41.7	868	1.74	3.51	.23
JUN	50.2	17.4	2.7	8.3	5.7	9.1	4.3	2.1	.1					32.3	810	1.63	4.25	.14
JUL	46.1	19.2	4.8	9.6	6.2	6.7	5.2	1.6	.6					34.7	868	1.75	3.88	.16
AUG	47.9	16.1	5.3	8.8	5.5	7.4	5.1	3.5	.4					36.0	837	2.05	3.92	.42
SEP	48.3	15.3	5.1	8.5	5.3	8.5	4.6	3.5	1.0					36.4	810	2.26	4.03	.02
OCT	43.1	16.4	4.5	10.3	7.0	10.5	5.3	2.6	.2	.1				40.5	861	2.22	6.78	.17
NOV	31.0	15.2	6.3	13.5	8.9	14.9	7.7	2.0	.4					53.8	783	2.49	5.34	.01
DEC	33.6	16.4	5.6	14.7	8.8	12.2	6.4	2.0	.4					49.9	845	2.13	4.43	.45
ANNUAL	39.6	17.8	5.0	12.3	7.3	10.3	5.4	1.9	.3	.3				42.6	10084	23.14		

USAFETAC FORM 0-15.5 (OL A)
OCT 78

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

13551 WOODBRIDGE RAF UK

94-63

YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54											.12	.76	.75	
55		.65	.77	.33	.39	.59	.73	.28	.97	.23	2.60	.20	.45	2.69
56		.79	.53	.30										
57			.53	.39	.26	.42	.8	.59	1.16	.54	.41	.66	1.71	
58		.44	1.33	.34	.27	1.52	.93	.52	.65	.63	.39	.51	1.75	1.57
59		.59	.11	.31	.26	.16	.21	.82	.81	.21	.66	.66	.83	.81
60		.42	.48	.67	.18	.27	.43	.33	.79	.87	2.50	.65	.57	2.57
61		.61	.27	.15	.39	1.09	.38	.51	.59	.81	.21	.47	.98	1.09
62		.41	.19	.35	.31	.93	2	1.24	.28	.56	.70	.69	.52	1.24
63		.39	.18	.56	.63	.63		.61	.91	.53	.43	.88	.71	.91
64		.36	.27	1.79	.57	.26		.32	.27	.14	.61	.32	.72	1.00
65		.34	.20	.72	.50	.21	.50	.67		1.65	.14	.72	.87	
66		.21	.40	.24	.60		.83	.99	.83	.27	.70	.84	.40	.99
67		.31	.29	.30	.68	.53	.27	.52	1.08	.49	.41	1.34	.20	1.34
68		.42	.41	.34	.21	1.22	.45	.54	.50	1.11	.48	.23	.33	1.22
69		.31	.48	.59	.20	1.34	.57	1.75	.92	.03	.07	.54	.61	1.75
70		.42	.40	.27	.48	.16	.16	.34	.34	.93	.14	1.18	.47	1.18
71		.48	.27	.26	.27	.13	1.21	1.85	.69	.84	.58	.61	.28	1.85
72		.52	.21	.39	.33	.17	.54	.51	.31	1.28	.09	.60	.72	1.28
73		.19	.24	.13	.50	.34	.44	.41	.27	1.19	1.20	.26	.28	1.20
74		.16	.26	.50	.23	.34	.33	.46	.65	1.46	.56	1.24	.76	1.46
75		.71	.24	.44	.31	.43	.27	.29	.82	.87	.17	.11	.53	.87
76		.71	.30	.17	.14	.47	.15	1.30	.93	1.43	.84	.52	.42	1.43
77		.58	.54	.30	.15	.41	.64	.25	.61	.21	.18	.85	.59	.64
78		.42	.52	.43	.56	.23	.41	.51	.62	.44	.79	.24	.65	.65
79		.41	.71	.31	.29	.72	.25	.82	1.19	.35	.32	.34	.43	1.19
80		.44	.28	.34	.44	.51	.51	.36	.33	.61	.75	.27	.72	.75
81		.45	.33	.77	1.14	.59		.44	.28	.75	.73	.35	.82	
82		.18	.39	.48	.31	.67	.59	.09	.59	.46	.84	.37	1.61	1.61
83		.35	.44	.18	.28	.44	.50	.87	.81					
MEAN		.433	.402	.410	.395	.503	.484	.604	.654	.692	.657	.594	.515	1.293
SD		.159	.242	.209	.252	.370	.233	.405	.288	.484	.618	.318	.255	.538
TOTAL OBS		854	838	897	840	868	810	868	837	810	841	783	885	1008

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 94-63 (CEA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

035951 WOODBRIDGE RAE UK
STATION STATION NAME

54-27

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54										1.72	3.99	1.72	
55	2.15	2.48	1.64	.24	2.15	2.23	.16	2.89	1.04	4.60	.57	1.78	21.93
56	4.02	3.01	.73										
57		2.79	1.08	.20	1.73	1.25	3.31	2.35	2.71	.97	1.75	2.02	
58	2.36	3.40	1.28	.58	2.81	4.25	2.30	3.92	2.33	2.13*	.52*	4.43	*30.31
59	2.16	.25	1.23	1.55	.23	.49	2.17	1.89	.02	1.93	2.48*	2.91	*16.91
60	3.66	1.14	1.73	.58	.83	.92	2.64	3.89	3.20	6.78	3.51	3.26	32.14
61	3.00	1.34	.33	1.83	1.43	1.20	1.22	1.67	2.94	3.48	1.98	4.08	24.50
62	2.01	.76	1.69	1.23	2.27	.14	2.48	1.09	2.20	1.18	3.15	2.13	20.26
63	.99	.67	2.71	2.78	2.86	1.93	1.33	3.58	1.48	1.24	3.39	.45	23.01
64	.55	1.07	3.59	2.50	1.03	3.50	1.06	.67	.24	1.64	.93	1.40	18.19
65	1.59	.61	2.39	2.75	1.10	2.09	2.66		4.35	.41	2.69	3.87	
66	1.35	1.98	.50	2.60	1.48	2.36	3.61	3.41	.79	3.12	3.63	3.14	27.97
67	1.12	1.34	.87	2.35	2.86	.71	1.36	3.01	2.65	2.67	2.50	.94	22.38
68	1.41	2.29	1.03	1.00	2.18	1.94	1.92	1.95	4.67	1.91	1.21	1.23	22.74
69	1.81	1.89	2.24	.98	3.51	1.29	3.88	2.85	.09	.17	3.16	2.54	24.41
70	2.78	2.14	1.38	2.39	.44	.66	1.15	.87	1.98	1.71	5.34	2.34	22.48
71	2.31	.93	1.46	.53	.84	2.74	2.36	2.04	1.37	2.29	3.45	1.32	21.59
72	2.77	1.07	1.33	1.72	1.02	1.62	1.76	.42	2.85*	.20	2.00	.05	*17.71
73	.82	.97	.86	2.05	2.11	1.11	1.74	.92	4.25	2.35	1.24	1.07	19.11
74	1.27	1.67	1.09	.38	.73	1.26	1.98	3.19	4.93	3.47	4.52	.93	25.42
75	3.19	.65	2.68	1.44	1.35	.78	1.10	1.15	4.20	.71*	.01*	1.05	*18.31
76	* 1.14*	.76*	.67	.33	1.30	.23	1.83	2.07	4.91	4.57	2.37	1.63	*21.81
77	2.99	2.69	1.84	.99	2.01	1.30	.38	2.87	.34	.58	2.26	2.24	20.45
78	1.79	1.18	1.86	1.59	1.01	2.21	1.33	1.69	1.03	.26	.82	3.92	18.69
79	2.94	3.33	2.52	1.47	3.04	.96	.59	2.99	.97	1.01	1.99	1.74	25.50
80	1.17	1.62	1.87	1.11	.91	3.06	1.77	.77	1.07	3.16	1.63	1.66	19.80
81	2.04	1.14	3.82	2.40	3.00		1.36	.80	3.00	2.98	1.56	2.76	
82	1.17	.96	2.17	.73	1.84	2.73	.47	2.02	1.38	4.86*	2.35*	2.54	*23.22
83	* 1.45	1.85	1.42	4.13	3.01	1.14	1.18	.87					
MEAN	2.055	1.615	1.676	1.515	1.736	1.626	1.752	2.053	2.256	2.220	2.984	2.131	22.809
S.D.	.911	.871	.866	.967	.893	1.015	.934	1.082	1.555	1.627	1.199	1.075	3.508
TOTAL OBS.	856	809	897	890	868	810	868	837	810	861	783	845	10089

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-883 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

54-83

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	80.3	10.6	3.7	2.5	1.9	.8	.1	.1						9.1	856	3.3	12.1	.3
FEB	75.4	13.5	4.9	4.3	1.0	.1	.2	.4	.1					11.1	879	3.2	25.3	.3
MAR	86.5	8.9	1.9	2.0	.3	.3								4.6	897	1.2	7.3	.0
APR	92.7	5.6	1.1	.5		.1								1.7	840	.3	3.8	.3
MAY	99.4	.6													868	TRACE	TRACE	.3
JUN	100.0														810	.0	.0	.3
JUL	100.0														868	.0	.0	.0
AUG	100.0														868	.0	.0	.3
SEP	100.0														810	.0	.0	.0
OCT	100.0														861	.0	.0	.3
NOV	94.3	4.0	.5	.8	.3	.3								1.8	784	.6	5.9	.3
DEC	88.4	6.8	2.0	.9	.7	.5	.6							4.7	847	2.1	11.5	.3
ANNUAL	93.1	4.2	1.2	.9	.3	.2	.1	.0	.0					2.7	10118	10.7		

USAFETAC FORM 0-15-5 (OL A)
OCT 78

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

035951 WOODBRIDGE RAF UK
STATION STATION NAME

54-83

YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54											.0	.0	TRACE	
55		2.3	1.4	2.7	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.7
56		2.3	5.0	.3										
57			TRACE	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	
58		2.5	3.0	3.0	TRACE	.0	.0	.0	.0	.0	.0*	.0*	.0	3.0
59		1.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.0
60		3.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.2
61		TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.4	2.4
62		.5	.6	.9	.0	.0	.0	.0	.0	.0	.0	TRACE	3.6	3.6
63		1.3	1.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.8
64		.2	.4	.5	1.2	.0	.0	.0	.0	.0	.0	.0	3.2	3.2
65		1.8	1.5	.5	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	1.8
66		3.6	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	TRACE	3.6
67		.3	.2	.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.5	.5
68		1.3	.7	.5	1.3	.0	.0	.0	.0	.0	.0	TRACE	1.8	1.8
69		TRACE	1.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	2.8	2.8	2.8
70		.4	2.4	1.5	.6	.0	.0	.0	.0	.0	.0	.0	3.7	3.7
71		.2	.8	1.3	.0	.0	.0	.0	.0	.0	.0	2.7	1.3	2.7
72		2.9	TRACE	2.0	.0	.0	.0	.0	.0	.0*	.0	TRACE	.0	2.9
73		TRACE	1.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.2	.5	1.8
74		.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3
75		TRACE	.0	1.1	3.0	.0	.0	.0	.0	.0	.0*	.0*	TRACE	3.0
76		*TRACE	*TRACE	*TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
77		2.3	TRACE	2.2	.2	.0	.0	.0	.0	.0	.0	TRACE	.0	2.3
78		TRACE	1.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.0	4.1	4.1
79		4.5	7.3	.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	2.9	7.3
80		2.5	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	2.0	1.7	2.5
81		3.1	1.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	4.0	
82		2.2	.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0*	.0*	.0	2.2
83		*TRACE	1.3	TRACE	TRACE	.0	.0	.0	.0					
MEAN		1.46	1.14	.61	.24	TRACE	.00	.00	.00	.00	.00	.39	1.31	2.66
S.D.		1.344	1.678	.893	.640	.000	.000	.000	.000	.000	.000	.861	1.542	1.508
TOTAL OBS.		856	809	897	840	868	810	868	868	810	861	784	847	1018

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-883 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

035051 WOODBRIDGE RAE UK
STATION STATION NAME

54-83 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54											.0	.0 TRACE	
55	9.1	6.2	7.3	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	22.6
56	4.1	25.8	.3										
57		TRACE	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	
58	6.5	4.0	5.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	16.2
59	3.7	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	3.7
60	9.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	9.3
61	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.4	2.4
62	.0	1.1	1.3	.0	.0	.0	.0	.0	.0	.0	TRACE	5.2	8.1
63	4.4	4.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	9.2
64	.0	.4	1.7	1.2	.0	.0	.0	.0	.0	.0	.0	3.2	6.7
65	2.3	2.2	.7	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	5.8
66	6.1	.1	.4	.3	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.9
67	.5	.0	.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.0	1.8
68	3.4	1.4	.5	1.6	.0	.0	.7	.0	.0	.0	TRACE	2.7	9.6
69	TRACE	11.7	TRACE	TRACE	.0	.0	.0	.0	.0	.0	5.9	4.5	22.1
70	.4	5.0	4.2	1.2	.0	.0	.0	.0	.0	.0	.0	11.5	22.5
71	.2	1.2	3.3	.0	.0	.0	.0	.0	.0	.0	3.0	1.5	9.2
72	6.2	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	8.2
73	TRACE	2.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	1.8	4.3
74	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
75	TRACE	.0	2.8	3.8	.0	.0	.0	.0	.0	.0	.0	.0	6.6
76	*TRACE	*TRACE	*TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	*TRACE
77	3.9	TRACE	3.0	.3	.0	.0	.0	.0	.0	.0	TRACE	.0	7.2
78	TRACE	1.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.8	4.4	7.5
79	12.1	14.8	.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	2.9	29.9
80	2.9	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	3.1	1.7	7.3
81	7.4	4.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	11.0	
82	2.6	.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	2.6
83	*TRACE	2.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	
MEAN	3.31	3.18	1.18	.30	TRACE	.00	.00	.00	.00	.00	.61	2.13	9.77
S.D.	1.459	5.717	1.927	.808	.000	.000	.000	.000	.000	.000	1.436	3.198	8.010
TOTAL OBS	856	809	897	880	868	810	868	868	810	861	788	887	10118

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-0 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

54-83

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	83.1	6.9	4.8	2.8	1.9	.5								10.0	826			
FEB	82.2	8.8	3.8	2.1	1.2	1.2	.6							9.0	809			
MAR	97.1	1.6	.8	.2	.2	.1								1.3	897			
APR	99.5	.5													840			
MAY	100.0														868			
JUN	100.0														810			
JUL	100.0														868			
AUG	100.0														868			
SEP	100.0														810			
OCT	100.0														861			
NOV	98.1	1.1	.6	.1										.8	784			
DEC	93.0	2.4	.8	2.1	1.2	.5								4.6	847			
ANNUAL	96.1	1.8	.9	.6	.4	.2	.0							2.1	10088			

USAFETAC FORM 0-15-5 (OL A)
OCT 78

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

35051 STATION WOODBRIDGE RAF UK STATION NAME

54-83 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54													
55	2	2	3	0	0	0	0	0	0	0	0	0	
56	2	9	0	0	0	0	0	0	0	0	0	0	
57		0	0	0	0	0	0	0	0	0	0	0	
58	3	1	4	0	0	0	0	0	0	0	0	0	
59	3	0	0	0	0	0	0	0	0	0	0	0	
60	5	TRACE	0	0	0	0	0	0	0	0	0	0	
61	0	0	0	0	0	0	0	0	0	0	0	0	
62	3	1	1	0	0	0	0	0	0	0	0	3	
63	4	3	1	0	0	0	0	0	0	0	0	0	
64	0	0	0	0	0	0	0	0	0	0	0	0	
65	0	0	0	0	0	0	0	0	0	0	0	0	
66	0	0	0	0	1	0	0	0	0	0	0	0	
67	*	0	0	0	0	0	0	0	0	0	0	0	
68	1	TRACE	1	TRACE	0	0	0	0	0	0	0	2	
69	1	0	1	0	0	0	0	0	0	0	1	2	
70	TRACE	2	TRACE	0	0	0	0	0	0	0	0	0	
71	2	TRACE	1	0	0	0	0	0	0	0	TRACE	TRACE	
72	4	1	0	0	0	0	0	0	0	0	0	0	
73	0	1	0	0	0	0	0	0	0	0	1	1	
74	0	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
75	0	0	TRACE	TRACE	0	0	0	0	0	0	0	0	TRACE
76	*TRACE	*TRACE	*TRACE	0	0	0	0	0	0	0	0	0	*TRACE
77	2	0	0	0	0	0	0	0	0	0	0	0	
78	TRACE	1	TRACE	0	0	0	0	0	0	0	2	2	
79	4	0	TRACE	0	0	0	0	0	0	0	0	2	
80	TRACE	0	0	0	0	0	0	0	0	0	TRACE	TRACE	TRACE
81	3	3	0	0	0	0	0	0	0	0	0	0	
82	2	0	0	0	0	0	0	0	0	0	0	0	
83	*	0	1	0	0	0	0	0	0	0	0	0	
MEAN	1.4	1.4	3	TRACE	0	0	0	0	0	0	0.2	0.8	2.3
S.D.	1.63	2.922	945	000	000	000	000	000	000	000	0.73	1.323	2.311
TOTAL OBS.	826	809	897	880	868	810	868	868	810	861	788	887	10088

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-3 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VREL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

035051 40008RIDGE RAF, UK
STATION STATION NAME

52-23

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
59													
60	W	41W	37W	37W	35W	29W	18W	30W	27E	31W	29W	30W	40W
61	WNW	37WNW	53W	35SW	27NW	35NNW	72W	33WSW	41SW	26WNW	42ENE	41W	44W
62	SW	49WNW	48W	37W	34W	40WSW	35SSW	29SSW	35WSW	35W	32ENE	29W	51W
63	ENE	43ENE	28WSW	35NE	34WSW	37FNE	12WSW	27WNW	29SSW	35SW	27W	42NE	79E
64	WNW	30WNW	32ENE	31WSW	32W	32SSW	28WSW	33W	30WSW	33W	33W	40SSW	39W
65	WSW	40WNW	43NE	34WNW	34W	37WSW	73WSW	34NNW	35WSW	45W	33WNW	52WSW	45W
66	W	32SSW	40WSW	58SSW	30W	42W	32W	32SSW	28E	29SSE	29WNW	62WSW	48W
67	WNW	31W	62W	46W	47SW	37WSW	73WNW	28WNW	26SSW	44WSW	56SSW	40SW	77W
68	W	49S	46NNW	48W	29WSW	32SW	3376/	3926/	2822/	3623/	3010/	3620/	38W
69	24/	3526/	3625/	3727/	5126/	32 1/	2834/	3034/	2720/	2829/	3025/	47 6/	37 27/
70	13/	2723/	5028/	3835/	3731/	3727/	3128/	3823/	3623/	4128/	4426/	4713/	37 28/
71	28/	4927/	38 1/	34 8/	28 6/	2930/	2927/	2624/	2825/	2324/	3827/	3922/	37 28/
72	29/	5119/	3128/	5127/	3726/	4721/	31 4/	3222/	3219/	2828/	2928/	5818/	39 28/
73	21/	3226/	4433/	2626/	5627/	4426/	2533/	2424/	3617/	3028/	3929/	3534/	70 26/
74	27/	4526/	4827/	47 5/	2726/	2928/	4027/	4125/	3523/	4531/	3927/	4329/	44 26/
75	27/	5427/	28 4/	3728/	33 4/	3427/	7428/	3225/	2722/	4227/	3318/	1720/	79 27/
76	33/	4527/	3026/	33 3/	3226/	3729/	29 7/	30 9/	2929/	3616/	4620/	3719/	30 16/
77	22/	4027/	4227/	3824/	41 4/	3520/	2927/	2920/	3523/	3426/	4427/	5322/	49 27/
78	2/	51 8/	3420/	37 5/	2934/	31 4/	3626/	2627/	3328/	4228/	3021/	36 7/	47 2/
79	29/	45 4/	4622/	3931/	3425/	3426/	7828/	2923/	3426/	2911/	2829/	3529/	47 29/
80	12/	3430/	24 7/	3535/	33 5/	3328/	3235/	3223/	3326/	3727/	46 7/	4227/	39 27/
81	29/	5127/	3832/	40 4/	3423/	26	26/	2530/	2525/	3723/	4427/	4412/	43
82	10/	3118/	2828/	4235/	3432/	3824/	27 5/	3222/	3431/	4330/	3019/	3425/	43 31/
83	26/	5327/	6027/	5823/	3821/	29 4/	2936/	2830/	20				
MEAN	41.6	40.7	40.0	35.3	34.2	30.7	31.1	30.8	34.6	37.0	42.3	41.4	50.4
SD	8.69	10.16	7.97	7.21	5.31	3.94	4.15	4.15	4.20	7.98	8.03	5.67	4.66
TOTAL OBS	723	660	738	742	763	717	773	768	719	736	687	718	4741

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0000 (OEA)

8 (BASED ON LESS THAN FULL MONTHS AND >100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 135951 WOODBRIDGE RAF UK 74-75, 77-80 JAN 1979
STATION NAME YEARS MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L & T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.6	.9	.3	.1	.3						4.2	6.7
NNE		1.7	.5	.1								1.7	7.2
NE		.3	.8	.1								1.2	8.3
ENE	.1	.5	.4	.7								1.7	9.3
E		.3	.1	1.6	.1							2.1	12.5
ESE	.5	.4	.1	.1								1.2	4.8
SE	.4	.5	.5									1.4	5.6
SSE	.4	.9	.1	.3								1.7	5.7
S	1.6	4.7	2.3	.9								9.5	6.2
SSW	1.8	4.4	4.4	1.6	.1	.3						12.6	7.3
SW	1.4	5.3	4.6	2.1		.1						13.5	7.3
WSW	.9	2.3	3.5	4.7	.5	.1						11.4	9.5
W	.9	2.9	3.3	3.5	.9	.1						11.6	9.7
WNW	.3	2.1	3.0	1.6	.3	.3						7.4	9.5
NW	.4	1.3	1.3	.7								3.6	7.9
NNW		.5	.5	.3								1.3	7.9
VARBL			3.0	2.0								4.9	10.3
CALM												8.6	
	10.1	29.7	29.4	19.6	2.1	1.2						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 769

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35951
STATION

WOODBRIDGE RAF JK
STATION NAME

74-75, 77-80
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0100-0500
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.0	2.4	.8	.1	.1	.3						4.4	6.9
NNE	.4	.9	.7	.1								2.2	6.2
NE	.1	.5	.9									1.5	6.6
ENE	.1		.3	1.2								1.6	11.9
E	.1	.1	.4	.9	.1							2.7	11.4
ESE			.3	.1								.4	9.3
SE	.7	.4	.1	.1								1.3	4.4
SSE	.7	.1		.1								.9	3.9
S	2.4	4.2	2.3	1.3								10.3	6.4
SSW	2.6	3.1	2.9	2.7	.1							11.3	7.4
SW	2.3	4.3	4.2	2.8								13.4	7.4
WSW	1.6	3.6	3.2	3.7	.1							11.6	7.8
W	.5	1.1	2.4	4.2	1.9	.1						10.3	11.5
WNW	.3	2.7	2.3	1.6	.5		.1					7.6	9.4
NW	.4	1.3	1.1	.5								3.4	7.3
NNW		.4	.4	.4								1.2	9.4
VARBL			2.8	2.8	.4							6.1	11.6
CALM												1.4	
	13.1	25.1	25.2	22.3	3.4	.4	.1					102.0	7.4

TOTAL NUMBER OF OBSERVATIONS

741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 174951 WOODBRIDGE RAF UK STATION NAME 74-75-77-8 YEARS JAN NORTH
ALL WEATHER CLASS 2400-0300 HOURS (LST)
CONDITION

SPEED (KNT. DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	1.7	1.7	.9	.3	.1	.1						4.4 6.8
NNE	.4	.2	.4									1.8 3.2
NE	.1	.4	.4	.4								1.3 3.4
ENE	.1	.4	.4	.9								1.3 3.8
E	.3	.3	.1	1.3								1.3 1.5
ESE	.3		.4	.3								.7 3.7
SE	.4	.1	.1									1.7 3.4
SSE	.7	.2	.5	.1								1.3 5.4
S	2.5	4.7	1.7	.8	.1							9.1 5.9
SSW	1.7	3.5	4.1	1.8	.4							10.9 7.8
SW	1.8	3.6	5.2	3.2								13.3 7.7
WSW	1.6	3.1	4.8	1.8		.1	.1					11.5 7.8
W	1.7	.3	3.2	4.3	1.2	.3						10.5 11.7
WNW	.5	1.6	1.7	1.6	.5							5.9 8.8
NW	.6	1.7	1.7	.6	.3							4.2 7.5
NNW	.3	.5	.5	.1								1.4 6.5
VARBL			7.2	3.5	.9	.3	.1					7.0 13.3
CALM												10.3
	12.7	23.4	29.1	21.7	3.5	.8	.7					100.7 7.5

TOTAL NUMBER OF OBSERVATIONS 773

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFC WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 75051 STATION NAME WOODBRIDGE RAF UK YEARS 74-75, 77-83 MONTHS JAN
CLASS ALL WEATHER 1970-1970
CONDITION HOUSE (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.7	.6	.4	.1							3.7	6.4
NNE	.9	.6	.7	.1								2.3	5.9
NE	.1	.1	.6	.1								1.7	8.6
ENE	.1	.7	1.7	1.0								2.9	8.7
E	.7	.1	.5	.5								1.8	7.4
ESE	.4	.4	.4	.4								1.4	7.3
SE	.5	.7	.1									1.7	4.5
SSE	.7	1.7	.4	.2								1.8	6.8
S	1.1	3.1	2.8	.6	.1							7.7	6.6
SSW	1.2	2.9	4.9	1.9	.5							11.4	8.3
SW	.5	3.4	3.7	3.7	.2		.1					11.6	9.0
WSW	1.3	2.6	4.4	3.4	.7	.1						12.6	9.5
W	.7	2.2	2.9	4.4	1.8	.4	.4					12.7	11.6
WNW	.6	.6	1.1	2.4	.8	.1						5.6	11.7
NW	.5	1.7	2.6	.6								4.7	7.9
NNW	.5	1.1	1.2	.2	.1							3.1	7.5
VARBL			3.7	3.8	.1	.2						7.7	11.6
CALM												6.6	
	9.8	22.4	31.5	23.7	4.6	.8	.5					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 838

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34951 WOODBRIDGE RAF UK 74-75, 77-82 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 1200-1400
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.7	.8									2.3	5.9
NNE	.4	.5	.6	1.1								2.5	8.9
NE	.1	.6	.7	.8								2.3	9.2
ENE		.2	.4	.6								1.2	9.6
E	.6	.7	1.0	.7								3.7	7.8
ESE	.7	1.1	.4	.4								2.0	7.2
SE	.4	.5	.5									1.3	5.0
SSE	.4	1.2	.5	.1								2.2	5.7
S	.7	3.7	3.5	1.7								8.9	7.2
SSW	1.0	2.4	6.4	2.2	.1							12.0	8.3
SW	1.0	3.1	4.7	2.4	.5	.1						11.8	8.7
WSW	.1	1.3	3.2	3.2	1.0	.1	.1					9.1	11.2
W	1.1	1.7	4.6	5.2	2.2	1.7						14.9	12.2
WNW	.4	.7	1.6	1.2	.7	.8	.5					5.9	13.9
NW	.2	1.3	2.8	1.8	.2	.1						6.5	9.7
NNW	.2	1.6	1.2	.1								3.1	6.6
VARBL			3.7	4.4	1.0	.2						9.4	12.0
CALM												1.8	
	7.2	27.9	36.3	25.2	5.6	2.4	.6					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 839

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 035951 STATION NAME WOODBRIDGE RAF UK YEARS 74-75, 77-83 JAN
CLAS ALL WEATHER 1500-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.4	1.1	.7								3.5	6.3
NNE	.5	1.1	1.0	.6								3.1	7.4
NE	.4	.2	.2	.4								1.2	7.5
ENE	.4	.5	.4	.7	.1							2.3	8.7
E	.2	1.2	.1	.7	.4							2.6	9.3
ESE	1.1	.7	.2									2.3	3.5
SE	.6	1.7	.1									1.7	4.5
SSE	.7	.8	.4									1.9	4.6
S	2.9	3.6	2.3	.7	.1							9.5	5.6
SSW	1.1	4.2	4.4	1.3								11.5	7.2
SW	.7	3.2	4.4	2.2	.4							15.9	8.4
WSW	.6	2.4	2.8	2.4	.4							8.5	9.0
W	.5	1.9	4.1	3.8	1.3	.2	.4					12.2	11.6
WNW	.4	1.1	1.2	2.0	.7	.6						6.7	12.1
NW	.8	1.8	3.0	.8	.4	.2						7.1	8.5
NNW	.6	1.1	.8	.1								2.6	5.6
VARBL			3.6	3.8	.5	.1						8.0	11.5
CALM												6.3	
	12.1	26.3	32.7	19.9	4.2	1.2	.4					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 839

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 73951 STATION NAME WOODBRIDGE RAF UK YEARS 74-75, 77-83 MONTH JAN MONTHS 1977-2000

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.3	1.7	.2	.1							4.1	6.3
NNE	.4	.8	.4									1.6	5.4
NE	.1	.1	.8	.4								1.4	9.1
ENE	.1	.2		1.7								1.3	11.3
E	.4	.4	.2	1.0	.4							2.3	11.1
ESE	.4	.6	.5	.5								1.9	7.7
SE	.6	.5	.1									1.2	4.1
SSE	1.2	1.4										2.6	1.8
S	3.2	3.7	2.0	.4								8.6	5.2
SSW	1.2	4.7	4.2	1.7								11.8	7.3
SW	1.4	3.5	6.1	2.0	.2							13.3	7.9
WSW	1.1	1.7	4.0	2.3	.2	.2						9.5	8.9
W	.8	1.2	3.5	4.3	1.6	.2						11.6	11.3
WNW	.2	1.6	1.3	.7	.4	.4						4.6	9.9
NW		1.9	3.0	.5	.2							5.6	7.9
NNW	1.1	1.4	1.1	.2	.2							4.1	6.5
VARBL		.2	3.4	2.8	.1	.2						6.7	11.4
CALM												7.8	
	12.7	25.5	31.5	17.9	3.5	1.1						120.0	7.6

TOTAL NUMBER OF OBSERVATIONS 834

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035951 WOODBRIDGE RAF UK 74-75, 77-83 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER 2100-2300
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.6	.6	.6	.2	.4						4.8	8.2
NNE		1.2	.2									1.4	5.6
NE			.2									.2	9.3
ENE			.7	.8	.1							1.7	11.9
E	.3	.5	.4	1.2	.2							2.5	10.6
ESE	.2	.7	.2	.1								1.3	5.9
SE	.6	.8	.2									1.7	4.6
SSE	.6	.6	.1									1.3	3.3
S	2.3	3.7	1.9	.5								8.4	5.2
SSW	1.2	3.7	4.7	.8	.2							12.7	7.2
SW	1.7	4.6	6.5	1.9	.4	.1						15.1	7.3
WSW	.5	2.5	3.4	3.5	.5							10.3	9.9
W	.6	2.8	3.2	3.6	1.8	.4						12.4	12.7
WNW	.6	2.2	.8	1.2	.4							5.2	8.3
NW	.1	2.9	2.9	.7								6.6	7.4
NNW	.1	1.7	.7	.1								1.9	6.4
VARBL			3.7	2.2	.1							6.0	10.5
CALM												8.9	
	9.8	28.7	30.6	17.3	4.0	.8						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 839

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

C35951 WOODBRIDGE RAF UK 74-75, 77-83 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER ALL
CLASS MONTHS (L.S.Y.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.8	.8	.3	.1	.1						3.2	6.7
NNE	.4	.9	.6	.3								2.9	6.7
NE	.1	.3	.6	.3								1.3	8.3
ENE	.1	.3	.4	.9	.7							1.8	9.9
E	.3	.4	.4	1.7	.2							2.3	9.9
ESE	.4	.5	.3	.2								1.4	6.3
SE	.6	.6	.2	.0								1.4	4.6
SSE	.6	.9	.2	.1								1.8	5.0
S	2.1	3.7	2.3	.8	.7							9.7	6.0
SSW	1.4	3.6	4.5	1.7	.2	.7						11.5	7.6
SW	1.3	3.8	4.9	2.5	.2	.0	.0					12.9	8.0
WSW	.9	2.4	3.7	2.9	.4	.1	.7					10.5	9.0
W	.8	1.7	3.4	4.2	1.6	.3	.1					12.1	11.3
WNW	.4	1.5	1.6	1.5	.5	.3	.1					6.7	10.5
NW	.4	1.7	2.3	.8	.1	.0						5.3	8.1
NNW	.4	1.0	.8	.2	.7							2.4	6.6
VARBL		.7	3.3	3.2	.4	.1	.0					7.0	11.7
CALM												7.5	
	10.9	25.1	30.4	20.8	3.9	1.1	.2					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 6951

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

74-75, 77-83
YEARS

FFB
MONTHS

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.9	.9	.6								6.1	5.1
NNE	1.5	2.4	1.1	.4								5.2	5.6
NE	.4	1.4	1.6	1.4	.4							5.2	9.1
ENE	.4	1.6	1.1	2.3	.4							5.6	9.6
E	.9	1.7	2.7	.9	.3							5.7	7.4
ESE	1.7	1.6	1.3	.3								4.8	5.3
SE	1.5	1.7	1.3									3.3	5.1
SSE	1.3	.7	1.7	.1								3.1	5.4
S	3.1	2.1	1.9	1.6	.1							8.8	6.3
SSW	2.3	1.1	3.0	1.1								7.5	6.7
SW	2.1	1.7	2.5	.6	.3							6.7	6.3
WSW	.7	2.3	1.7	.4	.6							5.7	7.6
W	.4	1.8	2.1	2.4	.3		.1					7.2	9.6
WNW	.7	1.5	.7	.3								2.7	6.5
NW	.6	1.6	.9	.1	.1							3.3	6.2
NNW	1.1	.7	.4									2.3	3.5
VARBL			.7	1.1	.1							2.3	11.3
CALM												14.6	
	19.9	25.5	23.5	13.6	2.7		.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 725

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35951 WOODBRIDGE RAF UK 74-75-78-83 FEB
STATION NAME YEARS NORTH
ALL WEATHER
CLAS
3300-0500
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.6	.9									6.7	4.4
NNE	.3	1.3	.7	1.2								3.6	7.8
NE	1.3	2.1	1.5	1.5	.6							6.7	8.6
ENE	.6	.7	1.6	2.1	.4							5.5	10.3
E	.9	1.2	2.1	1.0	.1							5.3	8.0
ESE	2.1	1.5	1.2	.6								7.3	5.3
SE	1.2	.3	1.3									2.9	5.6
SSE	.4	.1	1.3	.3								2.2	7.9
S	2.4	3.7	1.6	1.2								8.9	6.0
SSW	1.3	2.2	2.4	.4								6.4	6.0
SW	1.8	1.6	1.3	.6								5.3	6.0
WSW	1.7	3.3	2.2	.4	.6							7.6	7.3
W	.9	.7	1.5	1.8								4.9	8.5
WNW	.3	2.7	2.2	1.3								6.5	7.8
NW	.7	.1	.4	.3								1.6	6.2
NNW	1.0	.4	.3									1.8	3.8
VARBL			1.6	.7	.3							2.7	10.8
CALM												16.2	
	18.2	25.7	24.3	13.5	2.1							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 674

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 535951 STATION NAME WOODBIDGE RAF UK YEARS 74-75, 77-83 MONTH FEB
CLASS ALL WEATHER NUMBER OF YEARS 2600-6000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.8	1.0	.1								5.4	4.6
NNE	.6	2.3	.6	.6	.3							4.3	6.9
NE	1.7	.9	2.7	1.1		.4						5.4	8.8
ENE	.6	2.7	2.7	2.4	.6							8.3	9.8
E	.9	1.0	2.1	1.0	.6							5.5	8.9
ESE	1.3	1.1	2.1	.1								4.7	6.1
SE	1.3	1.1	1.1	.1								3.7	5.7
SSE	.9	.7	.9	.1								2.5	5.9
S	1.6	3.7	1.8	1.1								7.5	6.1
SSW	1.6	2.4	2.7	.6								7.3	6.3
SW	1.1	2.7	.7	.6								5.1	5.5
WSW	.1	1.8	3.7	.3	.4							5.7	8.6
W	.6	.9	1.8	1.8								5.1	9.3
WNW	1.7	1.6	1.6	1.3								5.4	7.1
NW	.4	.4	.9	.4								2.1	7.3
NNW	1.7	.6	.7									2.3	4.9
VARBL			2.6	.6	.4							3.6	10.8
CALM												16.1	
	16.2	24.3	28.3	12.4	2.3	.9						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 703

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035951 WOODBRIDGE RAF UK 74-75, 77-83 FEB 1980-1980
STATION STATION NAME YEARS MONTHS
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.4	1.6	.4								4.5	6.2
NNE	.3	1.6	.7	.4								2.9	6.4
NE	.4	1.3	2.6	.8		.4						5.5	9.1
ENE		1.3	2.1	3.2	.4	.3						7.2	11.3
E	.4	1.3	3.0	1.8	.7							7.2	9.7
ESE	.9	1.3	1.6	.5								4.3	6.4
SE	1.2	1.8	1.1	.1								4.2	5.3
SSE	.5	1.2	.5	.3								2.5	6.3
S	.4	2.8	2.1	.5	.7							6.5	8.2
SSW	.7	1.4	2.6	1.4								6.2	8.0
SW	.8	1.6	2.9	.8								6.1	7.9
WSW	.4	1.7	3.4	1.1	.4	.1	.1					7.2	9.4
W	.7	1.2	3.2	2.0	.4							7.4	9.4
WNW	.3	.7	1.6	.4	.1							3.0	7.9
NW	.3	1.3	1.3	.4								3.3	7.3
NNW	.7	.9	.9	.4								2.9	6.4
VARBL			6.9	.9	.1	.1						8.2	9.5
CALM												10.8	
	9.7	22.9	38.1	15.4	2.8	.9	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 752

GLOEAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 035051 WODDERIDGE RAF UK STATION NAME 74-75, 77-83 YEARS FEB MONTH 12-1970
CLIM ALL WEATHER NOVS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	1.7	.5								4.3	6.5
NNE	.1	.8	2.7	.5								3.4	9.4
NE	.5	1.2	.9	2.8		.7						5.7	12.5
ENE	.5	.8	2.9	3.2	1.1							8.4	11.1
E	.7	2.2	3.7	1.3	.4	.1						8.4	8.6
ESE	.5	1.3	2.2	.5								4.6	7.9
SE	.5	1.7	.8	.4								3.4	6.7
SSE	.5	1.8	.8	.1								3.3	5.7
S	.5	2.8	2.2	1.3	.3							7.1	8.7
SSW	.5	1.8	3.6	1.4	.1	.1						7.6	8.7
SW	.1	1.2	2.2	.7								4.2	8.3
WSW	.7	2.2	2.1	1.4	.3			.1				6.9	8.6
W	.8	.4	1.8	3.0	.9	.7		.1	.1			7.9	13.1
WNW	.3	1.2	1.4	.7								3.6	7.7
NW	.4	1.2	1.1	.7	.1							3.4	7.8
NNW	.5	.7	1.4	.5								3.2	7.4
VARBL		.1	9.2	1.6	.1	.1						11.2	9.5
CALM												2.8	
	8.6	22.8	40.2	20.7	3.3	1.3		.3	.1			10.7	8.7

TOTAL NUMBER OF OBSERVATIONS 759

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 170951 Wooten Bridge RAF UK 74-75, 77-82 74-75 74-75
STATION NAME YEARS
CLASS ALL WEATHER MONTH 15, 16-17, 18
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.7	1.6	.3								4.6	6.2
NNE	.3	.9	2.2	.5								4.2	7.9
NE	.5	2.6	2.0	2.0	.5	.1						7.8	9.3
ENE	.9	2.6	2.2	3.2	.9							9.7	9.6
E	1.2	2.2	3.7	.8	.1							8.3	7.1
ESE	.4	1.3	1.2	.4								3.3	6.9
SE	1.1	1.3	.7	.3								3.3	5.2
SSE	.9	1.8	.9									3.4	5.2
S	2.1	4.5	3.4	.7	.1							10.8	6.3
SSW	1.3	2.1	4.3	.5	.4							8.7	7.4
SW	.9	2.7	1.4	.5								4.7	6.6
WSW	.3	.9	1.1	.5	.4			.1				3.2	10.9
W	.3	1.4	1.8	2.6	.7	.1	.1					7.1	11.2
WNW	.4	1.3	.9									3.2	7.1
NW	.3	2.3	1.1	.7								4.3	6.8
NNW	.4	.5	.9	.1								2.2	6.5
VARBL			4.7	1.6	.4	.1						6.9	14.0
CALM												5.5	
	11.6	29.5	34.1	15.0	3.6	.4	.1	.1				100.1	7.5

TOTAL NUMBER OF OBSERVATIONS 759

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 030951 STATION NAME WOODBRIDGE RAF UK YEARS 74-75, 77-82 MONTH FEB
CLASS ALL WEATHER HOURS (LST) 1800-2400
CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	1.6	2.5	1.4	.1								5.2
NNE	.5	1.3	2.1	.5	.1	.1						4.7
NE	1.3	1.6	2.5	1.4	.1							7.8
ENE	.3	1.6	1.8	1.3	.4							5.3
E	1.1	2.1	2.3	1.3								6.8
ESE	.9	.9	1.4	.4								3.7
SE	1.4	1.2	.8	.4								3.7
SSE	.8	1.3	.7	.1								3.4
S	2.6	2.8	2.9	1.1								9.4
SSW	1.3	1.3	6.1	.8	.3							9.7
SW	.4	1.2	2.5	.7								4.7
WSW	.7	1.2	1.1	.8								3.7
W	.4	1.4	1.7	2.1	.4							6.2
WNW	.4	1.8	.8	.4								3.4
NW	.7	.8	.3									1.7
NNW	.5	.7	.4									1.6
VARB			1.3	.7		.1						2.1
CALM												16.2
	15.9	24.2	29.9	12.3	1.7	.3						100.5

TOTAL NUMBER OF OBSERVATIONS 759

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

1951 0003RIDGE RAF UK 74-75, 77-83 FE8
STATION STATION NAME YEARS MONTHS (L S Y)
ALL WEATHERED
CLASB
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.4	1.2									5.3	4.3
NNE	.8	.9	1.3	.1	.1							2.3	6.6
NE	.7	1.9	1.6	1.4	.1							5.7	8.3
ENE	.7	1.6	1.1	2.1	.3							5.7	9.2
E	1.2	2.1	2.1	1.7	.3							7.4	7.9
ESE	1.1	1.7	2.1	.1								5.2	6.3
SE	1.4	1.3	.7	.4								3.9	5.5
SSE	.7	.8	1.2									2.6	6.1
S	2.2	2.8	4.7	.5								9.5	6.3
SSW	1.6	2.6	4.7	1.3								9.2	7.2
SW	.9	1.8	2.0	1.1	.4							6.1	8.3
WSW	1.1	1.3	1.6	.9								4.9	7.1
W	.3	.8	2.5	1.6	.1							5.3	9.7
WNW	.5	1.6	.9	.1								2.2	5.9
NW	.3	1.4	.8	.3								2.8	6.7
NNW	.2	.7	.4	.3								1.6	6.5
VARBL			1.2	1.1								2.2	10.9
CALM												15.8	
	15.7	25.7	28.5	13.0	1.5							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 759

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 74051 STATION NAME WOODBRIDGE RAF UK YEARS 74-75, 77-83
MONTH FEB
CLASS ALL WEATHERED
HOURS (LST) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.2	1.3	.3								5.4	5.2
NNE	.5	1.4	1.4	.5	.1	.7						2.2	7.2
NE	.3	1.5	1.8	1.6	.2	.7						6.2	8.8
ENE	.5	1.5	2.7	2.5	.6	.7						7.1	10.7
E	.6	1.7	2.6	1.2	.3	.7						6.8	8.3
ESE	1.1	1.3	1.7	.4								4.5	6.2
SE	1.1	1.7	1.7	.2								1.3	5.5
SSE	.7	1.2	.9	.1								2.9	5.9
S	1.9	3.7	2.5	1.0	.2							8.6	6.7
SSW	1.3	1.9	3.6	1.7	.1	.7						7.9	7.3
SW	1.0	1.7	1.9	.7	.1							5.4	6.9
WSW	.6	1.8	2.0	.7	.3	.0	.0	.0				5.6	8.3
W	.5	1.1	2.1	2.2	.4	.1	.0	.0	.0			6.4	10.2
WNW	.5	1.5	1.3	.6	.7							3.8	7.3
NW	.4	1.1	.8	.4	.7							2.8	6.7
NNW	.7	.6	.7	.2								2.2	5.7
VARBL		.2	3.6	1.0	.2	.1						4.9	10.3
CALM												12.1	
	14.2	25.1	31.1	14.5	2.5	.4	.1	.1	.0			100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 5877

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 135951 STATION NAME WOODBRIDGE RAF UK YEARS 74-83 MAP NORTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.1	.8	.4								5.1	5.2
NNE	.3	.9	1.5	.5								3.2	7.6
NE	.3	.4	2.4	.4								3.5	6.3
ENE	.3	.7	.7	.7	.5	.7						3.1	11.2
E	.4	1.1	.8	.2								2.4	6.2
ESE		1.1	.4	.1								1.6	6.4
SE	.3	.3	.1	.1								.8	6.2
SSE	.5	.5	.1		.1							1.3	5.1
S	1.9	3.2	1.5	.4								7.1	5.5
SSW	1.9	2.6	3.9	1.9	.1							10.3	7.7
SW	2.7	5.2	5.9	2.1								15.2	7.1
WSW	2.7	.9	2.1	2.7	1.1							8.9	9.5
W	.9	2.7	3.9	2.1	.9	.5						10.5	10.1
WNW	.4	1.9	.7	1.1	.3							4.3	8.2
NW	.7	2.4	1.5			.3						4.8	6.8
NNW	.9	2.1	.4			.1						3.5	5.7
VARBL		.1	.5	.4	.5							1.6	12.9
CALM												12.9	
	14.2	27.4	27.4	13.3	3.6	1.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 745

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

175051
STATION

WOODBRIDGE RAF UK
STATION NAME

74-75-76-83
YEARS

MAR
MONTHS

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.6	1.7	.4								5.3	6.0
NNE	.1	1.1	1.7	.6								3.9	7.9
NE	.3	1.2	1.8		.1	.3						3.5	8.9
ENE	.1	.6	.8	.6	.1	.1						2.4	9.8
E	.8	1.1	.7	.1								2.8	5.8
ESE	.9	.6	.3									1.7	4.3
SE	.5	.3	.3									.8	5.9
SSE	.6	1.1	.3		.1							1.9	5.4
S	1.7	3.9	1.4	.7	.4							8.3	6.4
SSW	1.2	2.4	3.9	1.9	.4							9.8	8.5
SW	1.8	3.6	5.4	1.9	.1							12.9	7.4
WSW	1.5	2.6	2.1	3.5	.3	.1						10.3	8.8
W	1.4	2.5	3.5	2.2	.7							10.2	8.8
WNW	.7	2.6	1.2	.1								4.7	5.9
NW	.7	1.9	1.7	.3	.3							4.8	7.7
NNW	1.5	2.4	.1		.3							4.3	4.7
VARBL			.7	.4	.3							1.8	12.9
CALM												11.9	
	14.7	32.5	27.4	12.7	3.2	.6						170.3	6.4

TOTAL NUMBER OF OBSERVATIONS

723

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 175951 WOODBRIDGE RAF UK 74-83 MAC
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0600-0800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.1	1.6	.2								6.4	5.7
NNE	.1	.6	1.2	.2								2.2	7.5
NE	.1	.4	1.8	.9	.2							3.4	9.6
ENE	.1	.4	1.6	1.1	.5							3.7	11.2
E	.4	.9	.9	.4								2.4	7.3
ESE	.2	.7	.7									1.7	6.3
SE	.9	.4	.2									1.5	4.0
SSE	.2	.5	.2	.2								1.2	6.9
S	1.6	2.9	2.3	.7	.1							7.7	6.3
SSW	.9	2.3	3.7	1.5	.7	.1						9.2	8.7
SW	1.0	3.3	5.1	1.6	.1							11.1	7.8
WSW	1.5	1.7	3.1	2.7	.5							9.4	8.8
W	.9	2.8	3.3	3.2	.6							10.8	9.0
WNW	.5	2.0	1.7	.6	.4							5.1	7.8
NW	1.1	2.7	1.2	.1	.1							5.3	5.9
NNW	1.5	1.3	.6	.2	.1							3.8	5.2
VARBL		.1	2.7	1.5	.4							4.6	10.5
CALM												10.5	
	12.3	26.0	32.0	15.2	3.8	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 818

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 035951 STATION NAME WOODBRIDGE RAF UK YEARS 74-83 MAP MONTHS 1229-1400
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.3	3.5	.8								6.8	7.8
NNE	.1	.8	1.7	.4	.1							3.1	8.7
NE	.2	.2	1.8	2.1	.1							4.4	10.7
ENE	.1	.4	1.7	2.1	.6							4.2	11.5
E	.4	1.1	2.5	.3	.3							4.8	8.2
ESE	.2	.6	.9									1.7	6.5
SE	.2	.6	.9	.1								1.8	6.6
SSE	.2	1.1	1.1	.2								2.7	6.6
S	1.1	2.9	3.3	1.4	.2							9.0	7.5
SSW	.3	1.6	3.2	1.8								6.9	8.9
SW	.2	.4	2.5	2.3	.2		.1					5.9	11.0
WSW		.8	1.6	3.5	.9	.1						6.9	12.7
W		.9	2.3	5.0	2.5	1.2	.1	.1				12.2	14.4
WNW	.2	.2	1.8	1.3	1.1	.1						4.8	12.1
NW	.2	1.7	1.3	1.0	.3	.1						4.7	9.5
NNW	.1	1.7	1.6	.4	.1							3.2	8.0
VARBL	.1	.3	9.3	6.1	.9	.2						17.3	10.8
CALM												.4	
	4.0	16.9	42.4	29.0	7.3	1.7	.2	.1				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 75951 STATION NAME 000BRIDGE RAF UK YEARS 74-83 MONTH MAR
CLASS ALL WEATHERED 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.4	3.0	.8								7.7	7.0
NNE		1.6	1.8	1.4								4.3	9.7
NE		.3	2.0	2.1	.1							4.4	15.7
ENE	.3	.4	1.7	1.4	.4							4.3	12.5
E	.8	1.8	1.8	.3								4.7	6.5
ESE	.9	1.1	.4	.3								2.3	5.3
SE	.9	1.2	.8									2.9	5.0
SSE	1.7	2.4	.2									3.7	4.5
S	1.2	4.4	2.8	1.0	.1							9.5	6.5
SSW	.2	1.3	2.7	1.7	.7							6.0	9.3
SW	.3	.6	2.1	2.4	.4							5.5	10.5
WSW	.2	.6	1.0	3.7	.9							6.3	12.3
W		1.7	2.8	5.1	2.8	.6	.3					12.5	14.2
WNW	.8	.7	.8	1.4	.4							4.3	9.6
NW	.3	1.6	.4	.7	.3							3.3	8.4
NNW	.1	.8	1.6	.4								2.9	7.6
VARBL		.2	7.1	4.3	.7	.1						12.4	10.6
CALM												1.6	
	7.5	23.3	32.9	27.2	6.3	.7	.3					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 735951 STATION NAME WOODBRIDGE RAF UK YEARS 79-83 MAP NORTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.9	2.3	.2								6.4	6.7
NNE	.3	1.8	3.0	.7	.2							6.1	7.9
NE	.2	.7	2.1	2.0								5.3	9.6
ENE	.3	.3	1.6	.6	.1							2.9	8.6
E	1.2	1.3	1.7	.7								4.9	6.8
ESE	.8	.3	.4	.1								1.7	5.1
SE	1.1	1.3	.1	.3								2.9	4.9
SSE	1.0	.8	.4	.1								2.3	4.7
S	2.1	4.2	1.7	.3								8.7	5.3
SSW	1.0	2.9	3.0	1.6	.1							9.5	7.7
SW	.4	2.2	3.8	2.0								9.4	8.5
WSW	.4	.9	4.0	3.0	.1							9.6	9.9
W	.1	1.4	2.5	3.5	.8	.3						8.6	11.2
WNW	.9	1.2	.3	.8	.1	.1						3.4	6.9
NW	.6	.6	.1	.1		.1						1.4	6.2
NNW	.8	1.7	.7	.1								3.2	5.2
VARBL			3.5	1.6	.1	.2						5.4	10.7
CALM												11.9	
	12.3	24.5	31.5	17.6	1.6	.7						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35951 STATION NAME WOODBRIDGE RAF UK YEARS 74-83 MAC 127-2300
 CLASS ALL WEATHER HOURS (LST) 0000-2300
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.3	1.8	.3								6.2	5.8
NNE	.3	1.6	1.7	.6								4.2	7.1
NE	.1	.7	1.4	1.2								4.1	8.9
ENE	.7	.3	.9	1.0	.1	.1						2.7	9.9
E	.2	1.5	1.6	.1								3.4	7.3
ESE	.2	1.7	.3	.1								1.7	5.7
SE	.6	1.1	.5									2.1	5.2
SSE	.7	.2	.5									1.4	4.4
S	1.6	2.7	2.4	.2								6.2	5.7
SSW	1.9	3.6	2.4	1.4	.1							9.4	6.8
SW	.9	3.3	5.1	2.7	.1							11.3	7.8
WSW	1.7	1.9	3.3	2.5	.6							9.9	8.1
W	.7	1.5	1.9	3.3	.7	.3						8.4	10.8
WNW	.9	.9	1.1	.3	.1							3.4	6.9
NW	.6	.9	.3			.2	.1					2.1	7.1
NNW	1.4	2.7	.1									3.5	4.0
VARBL		.2	2.4	2.4	.2	.1						5.3	11.3
CALM												14.8	
	13.7	25.1	28.1	15.5	1.9	.8	.1					100.3	6.6

TOTAL NUMBER OF OBSERVATIONS 885

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12951 WOODBRIDGE RAF UK 74-83 MAR
STATION NAME YEARS MONTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.6	2.2	.5								8.3	6.4
NNE	.2	1.2	1.7	.6	.7							3.8	8.1
NE	.2	.5	2.7	1.4	.1	.7						4.2	9.7
ENE	.7	.4	1.2	1.1	.7	.1						3.4	10.7
E	.5	1.1	1.5	.4	.1							3.6	7.3
ESE	.4	.7	.5	.1								1.8	5.7
SE	.5	.9	.5	.1								1.9	5.9
SSE	.6	1.2	.4	.1	.7							2.1	5.4
S	1.5	3.3	2.3	.8	.1							8.0	6.4
SSW	1.0	2.2	3.3	1.7	.2	.7						8.5	8.3
SW	.8	2.4	4.2	2.7	.2		.7					9.8	8.4
WSW	.9	1.2	2.6	3.2	.6	.7						8.5	10.2
W	.5	1.7	2.8	3.7	1.3	.5	.1	.7				12.6	11.8
WNW	.6	1.2	1.1	.9	.4	.7						4.3	8.7
NW	.5	1.6	1.7	.4	.1	.1	.5					3.7	7.9
NNW	.8	1.7	1.7	.2	.1	.7						3.7	6.0
VARBL	.7	.1	4.3	2.6	.5	.1						7.7	10.9
CALM												8.7	
	10.2	24.0	32.6	20.0	4.1	.9	.1	.0				100.7	7.9

TOTAL NUMBER OF OBSERVATIONS 6778

SURFACE WINDS

AD
MONTM

1000-2203
MOORE (L & T)

NOV 28 (L E T)

TOTAL NUMBER OF OBSERVATIONS 792

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JA 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

34951 4000000000 RAF UK 74-83 APR 1974
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 0000-2500 HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.6	7.1	3.5	.9								14.1	5.7
NNE	1.1	3.2	3.3	.5								5.2	6.4
NE	.5	1.8	1.7	1.9	.1							6.1	8.4
ENE	1.7	.9	.9	.1								2.8	5.3
E	1.7	1.3	.6	.3								3.4	5.2
ESE	.4	.6	.5									1.5	5.4
SE	.1	.9	.1									1.1	4.9
SSE	.3	.9	.1									1.1	5.5
S	1.7	1.9	.3									3.2	4.2
SSW	1.3	2.4	.4	.3								4.3	4.9
SW	.3	1.6	1.4	.1								3.9	5.7
WSW	1.7	1.4	1.3									3.9	5.1
W	.5	3.7	2.7	1.7								6.6	6.8
WNW	1.4	2.9	1.6	.4	.1							6.8	5.8
NW	1.4	3.7	1.7									5.4	4.8
NNW	3.3	3.8	1.7	.1	.1							8.6	4.7
VARB			1.3	.9								2.1	10.9
CALM												17.0	
	18.5	36.4	21.2	6.4	.4							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 793

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 175951 STATION NAME 00055 RIDGE RAF JK YEARS 74-83 MONTH APR
CLASS ALL WEATHER HOURS (LST) 0600-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	4.3	5.7	3.9	1.7	.1							5.2
NNE	1.3	2.0	3.9	.9	.2							3.1
NE	.5	.7	2.3	2.8	.1							2.6
ENE	.5	.7	.7	.8								2.3
E	.5	1.5	.9	.2								1.2
ESE	.7	.8	.6									1.1
SE	.7	1.7	.5									1.2
SSE	.6	1.7	.1	.2								1.1
S	1.2	1.5	.4	.1								1.1
SSW	.5	2.3	.9	.2								1.9
SW	.5	1.5	2.3	.3								4.2
WSW	.6	2.4	1.7	.2								5.1
W	.7	1.2	3.7	2.2	.1							7.4
WNW	.3	1.8	1.7	1.2	.1							5.7
NW	.9	4.7	2.7	.1								7.7
NNW	2.5	2.8	2.1									7.4
VARBL			2.0	1.2								3.9
CALM												9.9
	16.6	31.2	30.3	11.5	.6							100.0

TOTAL NUMBER OF OBSERVATIONS 866

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VMAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 17-951 STATION NAME WOODBRIDGE RAF UK YEARS 74-83 MONTH APR
CLASS ALL WEATHER HOURS (LST) 000-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.3	4.7	2.4								11.8	7.4
NNE	.2	1.3	3.8	2.5	.1							9.1	3.9
NE	.1	1.9	1.7	3.1	.4							2.2	1.3
ENE	.3	1.2	1.3	1.9	.2							2.2	2.3
E	.4	2.1	1.2	.7								4.2	6.3
ESE	.1	1.6	.6	.2								2.4	6.2
SE	.2	1.4	.7	.1								2.4	6.1
SSE	.0	1.3	.9									4.2	5.4
S	.2	2.3	.9	.1								4.2	5.4
SSW	.4	1.6	1.4	.3								3.2	6.3
SW	.6	1.2	1.8	1.4								4.8	8.4
WSW	.7	1.2	1.3	.9	.1							4.2	7.7
W	.2	1.4	3.1	2.1	.8	.2	.1					8.2	12.9
WNW	.1	.9	1.1	1.6	.1							3.8	4.7
NW	.2	.9	2.1	.6								3.8	8.1
NNW	.3	1.9	4.0	.8								7.2	7.8
VARBL			9.2	3.6								12.8	9.9
CALM												2.8	
	7.7	25.4	39.7	22.8	1.8	.2	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION WOODBRIDGE RAF UK STATION NAME 74-67 YEARS 1951 1952-1953
 CLASS ALL WEATHER NOV 11 1953
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.3	1.1	2.4								11.2	3.1
NNE	.4	1.7	2.3	2.8	.6							7.3	1.0
NE	.1	1.1	1.3	3.2	.6							6.2	1.1
ENE	.1	.9	1.9	1.4	.1							4.5	2.5
E	.7	2.4	2.1	1.0								5.9	7.7
ESE	.4	1.9	1.1	.1								2.4	6.2
SE	.1	1.2	.4	.3								2.4	6.2
SSE	.2	2.3	.3	.2								3.3	5.2
S	.2	2.9	2.1	.6								1.3	6.2
SSW	.1	1.1	1.3	.2								4.7	6.2
SW	.7	.7	.8	.8								1.2	9.5
WSW	.1	.7	2.4	1.1	.4							4.2	9.5
W	.1	.7	2.4	3.7	.4							6.3	11.2
WNW	.1	.7	1.9	1.7	.1							4.2	10.2
NW	.1	1.1	1.3	.6								3.3	7.4
NNW	.1	1.1	1.3	1.1	.1							5.1	8.3
VARBL	.1	.7	1.6	2.4	.4							16.5	10.0
A.M.												.8	
												100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 03951 WOODSPIDGE RAF UK STATION NAME 74-87 YEARS APR
CLASS ALL WEATHER HOURS 1500-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.6	5.6	2.0	.2							11.6	8.7
NNE	.2	1.6	3.2	3.0	.1							8.1	9.8
NE		1.2	2.7	4.0	.1							9.1	10.8
ENE	.2	1.8	3.1	1.8	.1							7.7	8.8
E	.7	1.8	2.0	.0								6.2	7.4
ESE	2.6	3.7	.2									5.3	3.8
SE	1.7	2.3	.6	.2								4.1	5.3
SSE	1.7	1.9	.3									3.2	4.3
S	1.1	3.6	2.2	.3								7.2	5.9
SSW	.4	.4	1.2	.2								2.3	7.7
SW		.6	.8	1.7								2.3	9.9
WSW	.1	.4	2.6	1.2	.3							4.7	10.1
W	.1	.8	3.2	2.2	.4	.1						6.9	10.5
WNW	.3	.6	1.1	1.1								3.1	9.3
NW	.3	.7	.8	.3								2.1	7.2
NNW	.2	1.3	1.9	1.2								4.7	8.4
VARBL		.1	6.7	4.7	.6							11.3	10.7
CALM												.7	
	9.3	24.6	39.0	24.4	1.9	.1						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFC WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 135951 STATION NAME 00080106 RAF UK YEARS 74-87 MONTH APR
CLASS ALL WEATHER HOURS 1900-2400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	5.9	5.2	1.7								14.4	6.9
NNE	.7	2.5	4.6	1.7								5.7	7.8
NE	.7	1.7	4.9	2.3	.2							9.2	9.3
ENE	.3	1.7	2.2	.4								4.4	7.2
E	2.8	1.2	.7	.8								5.4	5.0
ESE	2.4	1.1	.1	.1								3.3	3.3
SE	1.7	.9	.1									2.2	3.3
SSE	2.2	1.1	.4									3.3	3.6
S	2.2	2.1	.6									4.9	4.3
SSW	1.2	1.2	.8	.3								3.4	5.4
SW	.2	1.7	1.4	.3								3.7	7.2
WSW	.7	.8	2.7	.3	.1							3.9	7.9
W	.3	1.6	2.2	1.4	.2	.1						5.9	9.3
WNW	1.7	1.7	.7	.6								3.2	6.2
NW	.4	.2	.2									.9	4.9
NNW	1.1	1.4	1.2	.2								4.0	5.7
VARBL		.1	2.9	1.6								4.4	10.3
CALM												11.7	
	22.4	25.6	30.0	11.7	.6	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 075951 WOODBRIDGE RAF UK STATION NAME 74-83 YEARS APR
CLASS ALL WEATHER MONTHS 2170-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	5.6	3.9	.7								13.5	5.6
NNE	.6	2.9	3.9	.8								8.2	7.1
NE	.6	1.5	3.7	2.3	.1							8.2	8.7
ENE	.4	.9	1.7	.9								3.2	8.3
E	1.5	1.1	1.1	.7								4.4	6.2
ESE	.9	.6	.3									1.8	3.9
SE	1.7	.2	.1									1.3	2.3
SSE	1.3	.4	.4									2.2	4.2
S	2.2	1.8	.3	.1								4.5	3.8
SSW	1.1	1.7	1.7									3.8	5.1
SW	1.3	1.9	1.6	.7								5.5	6.0
WSW	1.0	2.7	2.1	.6								5.7	6.5
W	.9	1.3	2.5	1.6								6.3	7.8
WNW	.6	1.1	1.5	.6								3.7	6.6
NW	1.2	2.7	.3									3.6	4.4
NNW	1.7	2.7	1.5									4.8	5.0
VARBL			1.6	.4								2.0	9.6
CALM												17.4	
	19.3	27.0	26.8	9.3	.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 895

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 035951 STATION NAME WOODBRIDGE RAF UK YEARS 74-83 MONTH APR
CLASS ALL WEATHER HOURS (LST) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	4.9	4.4	1.6	.2							13.1	6.7
NNE	.3	2.2	3.6	1.7	.1							8.5	8.7
NE	.4	1.5	2.8	2.9	.7							7.7	9.6
ENE	.5	.9	1.5	1.7	.1							3.9	8.4
E	1.1	1.6	1.3	.6								4.6	6.5
ESE	1.1	1.3	.5	.1								2.9	4.6
SE	.2	1.1	.4	.1								2.3	4.7
SSE	1.1	1.2	.4	.1								2.7	4.6
S	1.4	2.2	.9	.2								4.6	5.2
SSW	.3	1.6	1.7	.3								3.7	6.0
SW	.6	1.5	1.4	.6								4.1	7.0
WSW	.6	1.2	1.8	.6	.1							4.3	7.5
W	.5	1.4	2.7	1.8	.3	.1	.7					6.7	9.1
WNW	.7	1.3	1.4	.9	.1							4.5	7.6
NW	.9	1.8	1.1	.2								4.2	6.0
NNW	1.5	2.3	1.9	.5	.7							6.2	6.3
VARBL	.7	.1	4.5	2.3	.1							6.9	10.1
CALM												9.4	
	14.6	27.9	31.6	15.3	1.1	.1	.7					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 6988

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 035051 WOODBRIDGE RAF UK STATION NAME 74-76.78-83 YEARS MAY
ALL WEATHER 0000-0200
 CLASS 0000-0200
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	3.6	2.5	.4								9.2	5.4
NNE	1.9	1.9	1.6	1.1								6.5	6.3
NE	.6	1.2	1.1	.5								3.4	6.9
ENE	.7	2.7	.2	.8	.1							4.3	6.9
E	1.6	1.6	2.9	.6								6.6	6.6
ESE	.6	.7	.1									1.4	3.9
SE	.7											.7	2.2
SSE	1.1	.2	.2									1.6	3.3
S	3.2	1.7	1.4									6.4	4.3
SSW	2.3	4.7	1.4	.4								8.3	5.2
SW	1.8	3.7	2.9	.4								9.8	5.9
WSW	1.4	1.2	3.7	.4								6.2	6.5
W	.9	2.7	3.4	.7								7.3	7.2
WNW	1.4	1.4	.5									3.4	4.2
NW	1.0	1.3	.5									2.8	4.5
NNW	.6	1.3	.8	.1								2.9	5.6
VARBL		.1	1.3	.4								1.8	9.1
CALM												19.8	
	22.5	28.1	23.9	5.6	.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 834

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 035951 STATION NAME WOODBRIDGE RAF UK YEARS 74-76, 78-81 DAY 0300-0500
MONTHS 0300-0500
HOURS (LST) 0300-0500
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	4.4	3.4	.1								9.7	5.8
NNE	1.1	2.4	1.1	.7								5.3	6.7
NE	.1	.5	1.7	.5								2.8	8.3
ENE	1.3	1.2	.4	.7								3.6	6.2
E	1.4	2.8	2.4	.2								6.8	6.1
ESE	1.1	.2	.5									1.8	3.7
SE	.2	.1										.4	2.3
SSE	.8	.2										1.1	2.8
S	2.5	1.7	.8	.2								4.6	4.1
SSW	1.3	2.6	2.2	.4								6.5	5.9
SW	1.8	3.5	2.3	.1								7.7	5.7
WSW	1.7	3.2	1.9	.5								7.3	5.8
W	.8	1.7	3.1	.8								6.5	7.4
WNW	1.1	2.6	.8									4.6	4.8
NW	.6	1.4	1.3	.2								3.5	5.8
NNW	.7	1.9	1.1	.1								3.8	5.7
VARBL			1.3	.2								1.2	9.9
CALM												72.9	
	18.5	29.9	23.9	4.9								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 834

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 075951 STATION NAME WOODBRIDGE PAF UK YEARS 74-83 MONTH MAY
CLASS ALL WEATHER HOURS (LST) 3600-0000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.8	4.7	.4								7.2	7.3
NNE	.7	2.2	2.2	1.7								6.8	7.8
NE	.2	1.7	2.3	2.1	.1							5.3	9.3
ENE	.4	2.0	.4	1.2	.7							4.4	8.1
E	1.2	3.7	2.3	1.7								7.6	6.5
ESE	.8	.7	.4									5.2	4.7
SE	1.2	.9	.2									5.8	3.3
SSE	.9	1.7	.1									5.2	4.1
S	.8	2.5	.9									4.1	5.1
SSW	1.6	3.7	2.6	.9								8.2	6.3
SW	.7	2.6	3.3	.9								7.5	7.3
WSW	.8	1.6	2.1	.8								5.2	7.2
W	1.1	1.9	3.6	2.0								6.5	8.1
WNW	.3	1.6	2.1	.1								4.1	6.8
NW	1.0	2.7	1.2	.1								5.2	5.6
NNW	.7	1.2	1.9	.8								4.6	7.2
VARBL			5.2	1.5	.1							6.8	9.6
CALM												6.4	
	13.4	30.5	35.8	13.5	.4							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17651 WOODBRIDGE RAF UK 74-83 MAY
STATION NAME YEARS MONTH
CLASS ALL WEATHER 0900-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.2	3.7	1.0								6.2	8.5
NNE	.3	1.4	1.7	1.2	.1							4.8	8.3
NE	.3	1.2	2.9	2.8	.2							7.3	10.0
ENE	.2	1.1	1.5	1.8	.1							4.8	9.5
E	.6	2.8	2.9	1.3								7.7	7.5
ESE	.5	.9	.9	.3								2.6	6.3
SE	.5	1.1	.3	.1								2.1	5.3
SSE	.4	2.2	.2									2.3	5.3
S	.5	3.5	2.4	.2								6.6	6.3
SSW	.5	2.2	2.4	1.7	.2							6.3	7.8
SW	.2	1.7	1.9	1.7								5.6	8.7
WSW	.4	1.7	1.5	1.5	.1							4.5	8.9
W	.4	1.5	2.6	2.4	.1							7.7	9.3
WNW	.3	.8	1.3	.8								2.8	8.6
NW	.2	1.7	1.5	.3								3.0	7.5
NNW	.2	1.2	1.5	1.1								4.2	8.4
VARBL		.1	12.8	6.8	.9							20.6	10.3
CALM												1.4	
	6.2	24.4	42.0	24.4	1.7							100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 03951 WOODBRIDGE RAF UK STATION NAME 74-87 YEARS MAY MONTH 1200-1400 HOURS (LST) CLASS ALL WEATHER CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	2.2	1.3								5.2	8.5
NNE	.1	.4	1.4	1.4								3.4	9.3
NE		.3	1.8	3.6	.5							6.3	12.7
ENE		.4	2.7	2.4	.2							5.7	11.7
E	.4	2.6	4.4	1.7	.1							9.3	8.5
ESE		2.1	.5	.1								2.7	5.7
SE	.4	1.1	.2									1.7	4.6
SSE	.6	2.4	.6	.1								3.2	5.4
S	1.1	3.5	3.6	.6								9.8	6.7
SSW	.3	.5	3.7	.9	.1							5.0	8.8
SW	.1	.6	1.2	1.9	.2							4.1	10.7
WSW		1.3	1.6	1.3	.3							4.5	9.8
W		1.2	2.3	1.4								4.9	9.3
WNW		.4	1.1	.4								1.7	8.8
NW	.1	.5	1.3	.4	.1							2.5	9.3
NNW	.1	.5	1.1	.8								2.5	9.3
VARBL		.1	16.6	9.4	.9							26.3	10.3
CALM												1.1	
	3.8	19.3	45.7	27.8	2.4							100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 324

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17051 00081000 RAF UK 74-83 YEARS MAY
STATION NAME NORTH
ALL WEATHER CLASS
1500-1700 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.5	3.7	1.2								5.2	8.0
NNE		.4	2.3	2.1								4.8	1.1
NE		.3	1.9	4.2	.3							7.1	11.6
ENE	.7	1.7	4.2	2.2								7.6	9.5
E	.9	2.2	2.7	1.7	.2							7.7	8.3
ESE	.9	1.6	.4	.1								2.2	5.1
SE	.5	1.9	1.7	.2								3.7	6.7
SSE	1.1	2.4	.3									3.3	4.5
S	1.5	5.1	3.7	.4								17.1	6.7
SSW	.7	1.4	2.1	.9	.2							4.3	8.3
SW	.4	.5	2.9	2.2	.4							6.5	12.1
WSW	.5	.7	1.8	1.7	.1							3.5	9.2
W		.8	2.2	1.3	.9							4.7	9.7
WNW	.1	.5	1.5	.2	.2							2.6	8.7
NW	.3	.2	.9	.2								1.6	7.2
NNW	.1	1.2	1.9	.4								3.7	7.3
VARBL			12.7	5.3	.8							13.7	10.2
CALM												.9	
	6.5	21.8	44.9	23.6	2.7							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 039951 STATION NAME WOORBRIDGE RAF UK YEARS 74-82 MONTH MAY
CLASS ALL WEATHER HOURS (LST) 1800-2100
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	3.1	4.2	.1								3.2	6.3
NNE	.7	2.5	4.3	1.0	.1							9.2	8.5
NE	.7	1.6	3.7	1.0								7.5	8.9
ENE	1.3	2.9	2.1	2.4								6.7	7.6
E	2.2	2.3	1.2	.0								6.5	5.5
ESE	2.1	1.2	.5									3.3	3.8
SE	2.3	.5	.2	.1								1.1	3.3
SSE	1.5	1.2	.3	.1								2.2	4.3
S	2.8	6.6	1.2	.1								10.7	4.7
SSW	1.1	2.6	2.9	.5								7.1	6.7
SW	1.0	1.7	1.9	1.4	.5							5.8	8.9
WSW	.4	1.5	1.0	.6								4.5	7.5
W	.3	1.1	1.3	1.0								3.2	7.6
WNW	.8	.9	.9	.2	.2							2.2	6.8
NW	.3	.5	.1									1.2	4.3
NNW	.4	1.3	1.1	.1								2.9	6.1
VARBL			3.6	1.1								4.7	9.5
CALM												6.5	
	17.7	30.8	31.5	12.6	.9							172.0	6.4

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35951 STATION NAME COONSBIDGE DAF TX YEARS 74-83 MONTH MAY
CLASS ALL WEATHER HOURS 2100-2300
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	4.2	4.2	.4								11.2	5.7
NNE	1.4	2.2	2.2	1.3	.1							7.1	7.1
NE	1.4	1.2	1.8	1.9								6.4	7.3
ENE	1.5	1.4	.6	1.1	.1							4.7	6.7
E	1.1	1.4	1.6	1.1								5.6	6.8
ESE	1.7	.3	.3									1.2	3.3
SE	1.7	.3	.2									1.2	3.5
SSE	1.5	.3	.3	.1								1.3	4.1
S	3.7	3.3	.2									6.6	3.8
SSW	1.5	4.5	2.4	.3								9.3	5.9
SW	1.7	3.6	2.9	.3								6.1	6.2
WSW	.6	2.2	1.7	.4								5.7	6.8
W	1.7	1.5	1.2	.9								4.3	6.7
WNW	1.7	.5	.6	.2								2.4	5.5
NW	1.2	.9	.2									2.3	3.5
NNW	1.7	1.1	.8									2.8	4.8
VARBL			1.4	.2								1.6	9.7
CALM												16.6	
	22.9	29.1	22.5	8.6	.2							100.7	5.7

TOTAL NUMBER OF OBSERVATIONS 927

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

70951	WODDIDGE RAPID	74-61	MAY
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER		ALL	
CLASS		HOURS (L & T)	
CONDITION			

[illegible]

TOTAL NUMBER OF OBSERVATIONS 197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 00081 WOODBRIDGE RAF UK 74-83 YEARS 1974
STATION NAME CLASS MONTH
ALL WEATHER
HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	2.1	4.3	3.4									4.9
NNE	.6	2.7	1.6									4.2
NE	.7	1.2	2.7									4.1
ENE	.0	.6	1.7	.4								2.3
E	1.1	.7	1.2	.2								3.2
ESE	.4	.1										.3
SE	.2											.3
SSE	.0											.3
S	1.2	.4	.2									2.2
SSW	2.3	2.3	.9	.6								5.2
SW	2.6	4.9	1.7	.1								9.4
WSW	3.1	3.2	4.2	.5								12.3
W	1.1	4.3	3.1	1.1								9.5
WNW	1.5	1.5	1.2	.1								4.4
NW	.7	1.1	.1									2.2
NNW	2.6	1.6	.5									4.7
VARBL			.6	.1								.7
CALM												24.1
	22.3	28.8	21.7	3.2								100.0

TOTAL NUMBER OF OBSERVATIONS 817

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

09551 WOODBRIDGE RAF UK 74-83 JLN
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 1322-2500
CONDITION HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.7	3.4									2.2	5.7
NNE	.7	2.2	1.4	.7								4.8	6.3
NE	.7	1.2	1.2	.5								3.8	6.4
ENE	1.2	.2	.6	.2								2.0	5.2
E	.2	.7	.6	.1								2.3	5.1
ESE	.6	.6	.2	.1								1.8	4.6
SE	.5											.5	2.8
SSE	.2	.2										.2	3.5
S	.7	.4										1.1	3.0
SSW	2.3	1.6	.9	.2								5.0	4.4
SW	2.6	5.7	2.7	.5								1.0	5.2
WSW	2.6	3.1	3.3	.7								7.7	5.9
W	3.7	3.2	4.4	.1								1.0	5.7
WNW	2.3	2.9	1.4	.4								6.9	4.9
NW	2.2	1.7	1.2									5.2	4.4
NNW	2.5	2.1										4.6	3.3
VARBL			.5									.5	8.3
CALM												19.0	
	25.2	31.2	21.4	3.2								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 812

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 135051 WOODBRIDGE RAF UK YEARS 74-83 MONTHS JAN
CLASS ALL WEATHER HOURS (LST) 2600-2800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	5.4	3.4	.2								1.0	5.9
NNE	1.4	1.8	2.9	.2								5.3	6.3
NE	.8	2.1	1.3	1.7	.1							5.3	7.4
ENE	.7	.8	1.5	.1								3.1	6.2
E	1.4	.9	.8	.5								3.4	5.3
ESE	.0	.7	.2									1.3	4.3
SE	1.5	.3										1.3	2.8
SSE	.9	.1	.1									1.7	3.3
S	.5	1.6	.3									2.4	4.9
SSW	1.1	1.5	1.4	.2								4.2	5.9
SW	1.3	3.6	2.6	.6								9.7	6.3
WSW	1.4	2.8	4.2	.7		.1						9.2	6.8
W	.7	3.7	5.5	2.9	.2							13.7	8.3
WNW	.9	1.6	2.4	1.1								2.1	7.4
NW	1.3	2.7	1.9	.3								6.4	5.8
NNW	1.6	2.5	1.5	.1								5.7	5.3
VARBL			3.4	.9	.1							4.3	9.9
CALM												6.8	
	17.8	32.1	33.9	9.8	.5	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 872

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

75051 00000005 RAF UK 74-87
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 000-1000
CONDITION HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.1	3.1	.2								6.2	5.7
NNE	.6	1.4	2.7	.3								5.7	7.2
NE	.6	1.2	1.2	1.4	.1							4.6	8.3
ENE	.7	1.4	1.0	1.7								4.6	7.6
E	1.1	1.1	1.4	.3								4.3	6.3
ESE	.3	1.2	.4									2.3	5.1
SE	1.7	1.4	.1									2.6	4.4
SSE	.7	1.4	.1									2.2	4.5
S	1.2	1.9	.9									4.0	4.9
SSW	.6	2.1	1.4	.3								4.5	6.4
SW	.2	1.8	3.7	1.0	.1							5.1	8.4
WSW	.1	2.8	3.9	1.7								7.8	7.9
W	.7	2.6	3.8	2.7	.4							17.1	9.1
WNW	.1	1.6	2.7	.8								4.5	7.9
NW	.4	1.3	1.7	.4								3.9	7.2
NNW	.6	1.2	1.4	.3								3.6	6.5
VARBL		.3	17.4	3.5	.6							71.7	9.3
CALM												2.6	
	9.1	27.1	46.6	13.4	1.2							172.0	7.5

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 13951 WOODBRIDGE RAF UK STATION NAME 74-83 YEARS 1982
CLASS ALL WEATHER 1200-1400
CONDITION HOUSE (1 S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.2	2.0	.6								5.3	6.7
NNE	.1	.9	2.3	.2								3.6	7.5
NE	.1	.9	2.0	1.2								4.2	8.8
ENE		1.6	1.4	1.4								4.5	8.8
E	.3	1.7	2.7	1.0								5.7	7.8
ESE	.7	1.2	.4									2.3	4.6
SE	1.2	2.3	.3									4.1	4.8
SSE	.3	2.3	.4									3.6	4.6
S	.4	2.6	2.2	.1								5.3	6.9
SSW	.2	1.7	2.2	1.0								5.1	7.8
SW		.6	2.6	.6								3.7	9.3
WSW	.2	1.4	3.1	1.6		.7						6.6	9.3
W	.4	.9	2.7	2.8	.1	.1						6.9	10.3
WNW	.2	1.7	1.9	1.2								4.3	9.3
NW	.2	.8	2.2	.1								3.3	7.6
NNW	.4	1.7	1.9	.4								3.7	7.5
VARBL			20.9	5.3	.3	.1						26.7	9.5
CALM												1.0	
	5.8	23.4	51.3	17.6	.4	.4						170.0	8.3

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74951 STATION WOODBRIDGE RAF UK 74-83 JWS
STATION NAME YEARS MONTH
ALL WEATHERED CLASS 1500-1700
CONDITION HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.4	3.6	.4								6.3	7.5
NNE	.2	1.7	2.2	.1	.1							3.7	7.4
NE	.2	.2	2.0	2.2	.1							4.8	12.2
ENE	.9	1.4	2.0	1.6								5.9	7.8
E	.8	1.9	2.8	1.3								6.2	7.6
ESE	1.3	2.8	.4									4.6	4.9
SE	1.7	2.6	.2									3.3	4.4
SSE	1.7	2.8	.2									4.7	4.1
S	.8	4.5	2.6									7.8	5.8
SSW	.6	2.7	2.7	.7								5.9	7.2
SW	.7	1.0	3.2	1.1								5.6	8.7
WSW	.1	.7	2.0	1.3	.1							4.2	9.7
W	.1	.8	3.2	2.6	.2	.1						7.2	10.4
WNW	.2	.9	1.6	1.0	.1							3.8	9.1
NW	.1	.6	1.1	.4								2.2	8.3
NNW	.4	1.7	1.3									2.8	6.4
VARBL		.4	13.5	4.9	.4	.1						19.4	9.8
CALM												.3	
	9.0	26.9	44.7	17.7	1.1	.2						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 698

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 135951 WOODBRIDGE RAF UK STATION NAME 74-83 YEARS 1974-1975 MONTHS
CLASS ALL WEATHER 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.9	3.6	.7								10.1	6.3
NNE	.7	2.1	3.2	.6								6.6	7.1
NE	.2	1.9	3.1	1.8								6.9	8.9
ENE	1.2	2.3	1.9	.6								5.9	6.3
E	2.6	3.7	1.3									7.6	4.3
ESE	1.6	1.7	.2									3.5	3.9
SE	2.3	.6										2.8	2.6
SSE	1.2	.9	.2									2.3	3.2
S	4.1	4.5	.8	.1								9.5	4.7
SSW	1.7	3.7	1.3	.4								6.5	5.8
SW	1.1	3.3	3.7	.8								8.2	6.6
WSW	.4	1.1	2.6	1.1								5.2	8.3
W	.6	1.4	2.8	2.7		.1						6.9	8.3
WNW	.7	1.7	1.2	.7								3.6	7.3
NW	.4	.7	.4	.1								1.7	5.6
NNW	.4	1.3	.3									2.1	5.8
VARBL			3.9	.8								4.7	9.2
CALM												6.0	
	22.4	34.7	29.9	9.6		.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35951 STATION NAME WOODBRIDGE RAF UK YEARS 74-67 MONTHS JAN
CLASS ALL WEATHER 0100-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	2.2	4.4	3.3									1.2	5.3
NNE	.8	2.4	2.2	.2								5.7	5.9
NE	.9	1.6	2.4	.2								5.1	6.6
ENE	1.7	1.3	.3	.9								3.8	6.1
E	1.7	.6	.8									3.2	4.2
ESE	1.7	.6										2.2	2.9
SE	1.4	.3										1.3	2.4
SSE	.3	.1										.9	2.3
S	3.1	1.9	.2									5.2	3.3
SSW	3.2	2.7	1.4	.2								7.6	4.7
SW	3.2	6.1	1.6	.6								11.5	5.2
WSW	1.3	1.9	2.9	.6								6.7	6.6
W	.7	1.7	2.1	.9								5.3	7.3
WNW	.7	1.4	1.6	.1								3.8	5.8
NW	1.7	.8	.2									2.7	3.3
NNW	1.4	1.2	.6									3.2	4.2
VARBL			1.2	.2								1.4	8.9
CALM												20.1	
	26.0	29.0	20.9	3.9								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 75951 STATION NAME WOODSPIDGE RAF UK YEARS 74-83 MONTH JUN

CLASS ALL WEATHER HOUR (LST) ALL

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.7	3.2	.3								2.5	6.1
NNE	.6	1.7	2.3	.3	.7							3.1	6.6
NE	.6	1.3	1.9	1.1	.7							4.3	7.8
ENE	.8	1.3	1.3	.8								4.2	6.9
E	1.2	1.4	1.5	.4								4.8	6.3
ESE	1.7	1.1	.3	.7								2.4	4.1
SE	1.1	1.7	.1									2.2	3.8
SSE	.9	1.7	.1									2.7	3.9
S	1.5	2.3	.9	.7								4.8	4.7
SSW	1.4	2.7	1.5	.5								5.6	5.9
SW	1.4	3.3	2.5	.7	.7							7.9	6.3
WSW	1.1	2.1	3.3	.9	.7	.7						7.5	7.3
W	.9	2.3	3.4	1.9	.1	.7						3.7	8.2
WNW	.8	1.5	1.7	.7	.7							4.5	7.7
NW	.9	1.2	1.1	.2								3.4	5.8
NNW	1.2	1.5	.9	.1								3.3	5.1
VARBL		.1	7.9	2.7	.2	.7						10.3	9.5
CALM												9.7	
	16.8	29.7	34.1	9.8	.4	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 6985

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

075051
STATION

WOODBRIDGE RAF UK
STATION NAME

74-83
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-0000
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.6	.7									0.3	4.4
NNE	1.4	2.0	.9									4.4	4.9
NE	.2	1.4	1.4	.7								3.8	7.4
ENE	.6	.6	.9	.4								2.4	6.8
E	1.1	1.1	.1									2.2	3.4
ESE	.5	.2	.1									.8	3.9
SE	.7	.1										.8	2.3
SSE	.4											.4	2.0
S	1.7	.4										0.9	2.7
SSW	1.7	2.2	.9	.2								5.1	4.9
SW	3.0	4.4	2.5	.5								10.3	5.3
WSW	3.1	3.1	3.1	1.1								10.3	6.1
W	1.3	4.1	4.7	.5								10.7	6.4
WNW	1.5	2.4	2.7	.1								6.7	5.6
NW	1.4	1.7	1.4	.1								4.6	5.4
NNW	2.2	.9	.5									3.7	3.8
VARBL			.2	.2								.5	9.8
CALM												25.1	
	22.7	28.2	20.2	3.8								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

845

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 130251 WOODBRIDGE RAF MK STATION NAME 74-57 YEARS 1941
CLASS ALL WEATHER HOURS (LST) 0300-0500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	4.2	.6									8.2	4.2
NNE	1.2	1.3	1.3									4.2	5.2
NE	.5	.9	.9	.4								2.2	6.4
ENE	.4	.4	1.1	.5								2.2	7.8
E	.9	.7	.2	.2								1.9	5.2
ESE	.1											.2	2.2
SE	.5											.5	1.8
SSE	.9	.2	.1									1.2	2.8
S	1.8	.6	.1									2.2	3.2
SSW	2.7	1.2	1.5	.1								4.2	5.2
SW	2.5	3.8	2.7	.1								9.2	5.2
WSW	3.1	4.1	3.1	.6								10.2	5.8
W	1.9	3.1	6.1	.7								11.2	6.2
WNW	2.3	3.3	2.5									8.2	5.2
NW	2.1	3.5	1.1	.6								7.2	4.8
NNW	1.5	1.3	.6	.1								3.2	4.8
VARBL			.4									.4	8.2
CALM												70.2	
	25.5	28.8	22.2	3.3								100.2	4.2

TOTAL NUMBER OF OBSERVATIONS 852

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 20951 STATION NAME WOODBRIDGE RAF UK YEARS 74-83 MONTHS JUL
CLASS ALL WEATHER HOURS 620-7800
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	1.7	5.1	2.3	.1								2.2
NNE	1.1	2.0	1.3									1.3
NE	1.1	1.7	1.7	.9								1.3
ENE	1.1	1.1	1.1	.7	.2							1.2
E	2.1	.7	1.2	.1								1.2
ESE	.6	.1	.3									.2
SE	.2											.2
SSE	.4	.1										.2
S	1.7	1.4		.1								1.5
SSW	1.5	1.1	1.4	.4								1.5
SW	1.7	2.4	3.9	1.2								2.5
WSW	1.1	3.5	3.5	.4	.2							2.7
W	2.7	2.7	5.7	2.1	.2							3.5
WNW	.9	1.5	3.9	.1								1.9
NW	1.7	3.5	3.3	.3								2.2
NNW	1.9	1.5	1.4	.1								1.9
VARBL	.7		5.2	1.4	.1							2.3
CALM												7.4
	18.8	29.4	35.6	8.1	.7							10.0

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 75951 STATION NAME ADDONIOUS BAF NY YEARS 74-83 MONTHS JUNE
CLASS ALL WEATHER HOURS (LST) 0900-1800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.2	2.5	.5								6.8	7.3
NNE	.4	1.2	2.2	.3								4.1	7.1
NE	.7	1.4	2.7	1.4								2.8	7.1
ENE	.3	1.7	1.6	1.6	.4							5.6	8.9
E	1.4	2.2	1.7	.5								2.1	5.9
ESE	1.3	1.2	.3									2.1	4.2
SE	.5	1.1										1.2	3.3
SSE	.5	1.1										1.4	4.1
S	.5	1.4	.1	.2								2.2	5.2
SSW	.5	1.6	1.5	.9								4.2	7.1
SW	.2	2.4	3.4	1.2								2.1	7.9
WSW	.0	1.3	3.2	1.5								6.1	8.1
W	.2	1.2	4.3	2.3	.1	.3						8.6	9.1
WNW	.1	1.2	2.7	.8								2.5	7.2
NW	.2	2.3	2.8	.3								2.1	6.2
NNW	.2	1.1	1.6									2.1	7.1
VARBL			14.7	5.8	.2							22.3	9.8
CALM												1.2	
	9.9	25.5	44.2	17.4	.2	.3						100.1	7.7

TOTAL NUMBER OF OBSERVATIONS 77

[illegible]

AD-A140 247

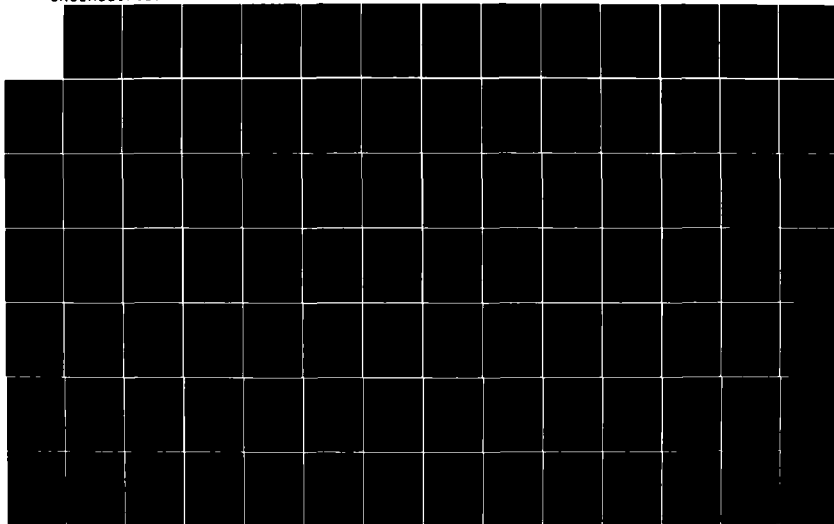
WOODBIDGE RAF UNITED KINGDOM REVISED UNIFORM SUMMARY
OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. 07 MAR 84
USAFETAC/DS-84/011 SBI-AD-E050 623

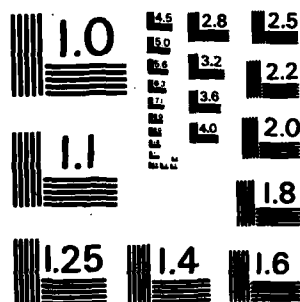
215

UNCLASSIFIED

F/O 4/2

NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35951 WOODBRIDGE RAF UK 74-83 1111
STATION NAME CLASS YEAR
ALL WEATHER
CLASS
1500-1700
MOON (L.S.T.)
OBSERVATION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.5	2.8	.8								8.3	8.3
NNE	.1	.5	1.4	.9								2.9	9.5
NE	.1	.6	2.5	2.7								5.9	10.1
ENE	.1	2.5	3.1	2.8	.1							8.2	8.9
E	.3	4.1	2.7	.9								8.0	6.6
ESE	1.1	1.7	.4									3.2	9.4
SE	1.1	1.7	.3									3.1	8.2
SSE	.9	2.2	.1									3.0	8.1
S	1.9	4.6	1.1									7.6	8.9
SSW	.4	1.9	1.6	.6								4.6	7.1
SW	.2	1.7	1.9	1.0	.1							5.0	8.1
WSW	.1	.8	2.5	1.4								4.7	9.6
W	.5	1.3	3.1	2.4	.2							7.5	9.5
WNW	.5	1.7	2.4	.8								5.6	7.5
NW	.4	1.4	1.0	.3								3.1	6.6
NNW	.2	1.2	.9	.3								2.6	7.0
VARB			13.3	5.7	.8							19.8	10.1
CALM												.5	
	8.2	29.9	40.7	20.0	1.2							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 035951 STATION NAME WOODBIDGE RAF UK YEARS 74-83 DATE 1111
CLASS ALL WEATHER PERIOD 1800-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.4	2.9	.2								6.1	6.7
NNE	.4	2.5	2.0	.2								5.2	6.6
NE	.8	1.3	5.0	1.2								8.2	8.7
ENE	1.4	2.7	2.3	.6								7.2	6.2
E	1.8	3.2	1.1	.1								6.2	4.8
ESE	1.5	1.1										2.6	3.3
SE	1.8	.4	.1									2.4	3.0
SSE	1.7	1.0										2.7	3.2
S	4.3	3.9	1.1									9.3	4.1
SSW	1.9	1.4	1.1	.6								5.1	5.6
SW	1.0	1.9	3.9	.9								7.6	7.5
WSW	.3	2.3	1.9	1.2								5.7	7.8
W	.6	2.0	3.6	1.2	.1							7.5	7.9
WNW	1.3	1.9	1.9	.4								5.6	6.3
NW	.3	1.7	.8	.2								3.0	6.0
NNW	.2	.3	.8	.3								1.6	7.7
VARBL			2.7	2.4								5.1	10.3
CALM												9.1	
	20.1	30.0	31.0	9.6	.1							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035951 WOODBRIDGE RAF UK

70-83

111

ALL WEATHER

2100-2300

CREATION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	3.3	1.5									7.4	4.5
NNE	1.2	3.0	1.4									5.8	5.2
NE	.8	1.7	2.6									5.1	6.8
ENE	1.8	.9	.9									3.5	8.5
E	1.6	1.4	.3									3.3	3.5
ESE	.6	.1										.8	2.3
SE	.6											.6	1.8
SSE	1.2	.3										1.5	2.5
S	2.0	.9										2.9	3.0
SSW	2.7	2.5	1.3	.3								6.8	8.7
SW	2.2	4.5	3.5	.9								11.1	6.2
WSW	2.2	2.3	2.0	.8								7.2	5.8
W	1.5	2.4	3.2	1.1								8.2	7.0
WNW	.6	2.2	1.4	.1								8.3	5.8
NNW	1.9	.4	.6	.2								3.2	8.8
NNW	.8	.4	.3									1.9	8.3
VARB			1.1	.8								1.8	10.5
CALM												24.5	
	24.5	26.7	20.2	8.1								100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 035951 STATION NAME WOODBIDGE RAF UK YEAR 74-83 MONTH JUL
CLASS ALL WEATHER MONTH ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.4	2.9	1.9	.3								6.5	5.8
NNE	.8	1.9	1.5	.2								4.5	6.2
NE	.6	1.2	2.5	1.1	.0							5.3	8.0
ENE	.7	1.4	1.6	1.1	.1							5.0	7.8
E	1.3	2.1	1.1	.4								4.8	5.6
ESE	.9	.7	.2									1.8	4.0
SE	.8	.7	.1									1.6	3.7
SSE	.8	.7	.1									1.6	3.7
S	1.8	2.0	.4	.1	.0							4.3	4.9
SSW	1.4	1.6	1.4	.5	.0							4.9	6.1
SW	1.2	2.7	3.0	1.0	.0							7.9	6.8
WSW	1.3	2.2	2.7	1.2	.0							7.5	7.1
W	1.1	2.3	4.2	1.5	.1	.1						9.3	7.8
WNW	1.0	2.0	2.5	.5								5.9	6.6
NW	1.0	1.9	1.5	.3								4.8	6.0
NNW	.9	1.1	.9	.2								3.1	5.6
VARB	.0		7.0	3.0	.2	.0						10.2	10.0
CALM												10.8	
	17.0	27.7	12.5	11.4	.5	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 7289

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035951 WOODBRIDGE RAF UK 78-83 AUG
STATION DATE YEAR MONTH
ALL WEATHER
CLASS
0000-0200
TIME (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	5.8	1.2									9.5	8.6
NNE	.6	1.4	.4									2.5	8.3
NE	.6	1.3	.8	.3	.3							3.3	6.3
ENE	.8	.3	.1									1.2	3.6
E	.8	.8	.9									2.4	5.6
ESE	.3	.2	.6									1.2	6.0
SE	.3	.1										.8	3.3
SSE	.4	.2										.6	3.3
S	2.5	.8	.8									4.0	3.3
SSW	1.3	1.8	1.8	.4								5.8	6.2
SW	2.8	2.8	1.5	.2								7.7	8.5
WSW	1.7	4.2	3.1	.8								9.8	6.3
W	1.1	2.9	2.5	.8	.3							7.8	6.6
WNW	2.1	3.1	1.1	.8	.3							7.3	5.6
NW	1.3	2.1	.5									3.9	8.3
NNW	2.1	1.9	.3									4.3	3.5
VARB			.3	.3								.8	11.0
CALM												28.7	
	21.2	29.9	16.3	3.6	.3							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 035951 WOODBRIDGE RAF UK STATION NAME 74-83 YEARS AUG MONTHS 0300-0500 HOURS (L.G.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	5.4	1.5									9.8	4.5
NNE	1.2	1.1	.3									2.6	3.1
NE	.6	1.1	.6	.5								2.9	6.5
ENE	1.1	.3	.2									1.6	3.5
E	.8	.9	.2									1.8	4.1
ESE	.3	.5	.1									1.0	4.3
SE	.8	.3										1.1	2.9
SSE	.2	.3										.5	4.0
S	1.6	1.1	.2									2.9	3.7
SSW	1.8	1.7	1.4	.2								5.2	5.3
SW	1.5	2.8	2.6	.5								7.5	5.8
WSW	2.7	2.7	2.4	.4	.2	.1						8.5	6.0
W	2.6	2.7	2.9	.8								9.0	5.9
WNW	1.8	3.5	.9	.2								6.4	4.7
NW	2.2	3.0	.5	.2								6.0	4.4
NNW	2.9	3.7	.4									6.4	3.8
VARBL			.5	.1								.4	9.0
CALM												26.1	
	25.1	30.5	14.9	3.0	.2	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

C35951 WOODBRIDGE RAF UK 74-83 AUG
STATION STATION NAME YEARS MONTHS
ALL WEATHER 0600-0800
CLASS HOURS (L.O.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	4.7	1.4	.1								9.8	4.8
NNE	1.4	1.8	1.3	.1								8.6	5.2
NE	1.5	1.1	1.2	.9								8.6	6.3
ENE	.8	.9	.8	.3								2.7	6.3
E	.9	1.2	.8	.4								3.2	6.0
ESE	.4	.4	.2									1.3	8.6
SE	.3	.6										1.0	8.0
SSE	.3	.2										.5	3.0
S	1.2	1.1		.4								2.7	5.3
SSW	1.1	2.2	1.3	.4								5.0	5.9
SW	1.6	2.2	2.9	.4								7.1	6.0
WSW	1.8	3.6	2.7	1.4	.1							9.4	6.9
W	1.3	3.8	3.1	1.1								9.3	6.7
WNW	1.2	3.4	1.5	.2								6.4	5.6
NW	1.7	3.7	2.5	.1								7.3	5.6
NNW	1.8	3.3	1.4	.1								6.7	8.8
VARL			3.1	1.0								4.1	9.4
CALM												14.3	
	20.9	33.5	24.1	7.0	.1							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035951
STATION

WOODBIDGE RAF UK
STATION NAME

74-83
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.1	2.9	2.4	.6								7.2	6.9
NNE	1.3	2.4	2.3	.4								6.3	6.4
NE	.8	1.5	2.5	1.9								6.7	8.5
ENE	.4	1.1	1.6	.6								3.8	7.4
E	1.0	2.0	1.6	.5								5.2	6.6
ESE	.4	1.6	.2									2.3	4.6
SE	.6	.5	.1									1.3	3.9
SSE	1.2	1.3	.2									2.7	4.0
S	1.4	2.0	.4									3.9	4.7
SSW	1.1	1.2	1.4	.5								4.2	6.9
SW	1.1	.9	2.7	1.1								5.7	7.9
WSW	.6	1.3	2.9	1.9	.2							7.0	9.0
W	1.3	3.5	3.7	2.2	.1							10.8	7.6
WNW	.5	2.0	2.2	.5								5.3	7.0
NW	1.4	1.4	2.2	.5	.1							5.6	6.8
NNW	.4	2.5	1.6	.1								4.6	6.3
VARBL	.2	.3	10.8	3.9	.3							15.5	9.6
CALM												2.4	
	14.8	28.5	38.6	14.9	.8							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035951 WOODBRIDGE RAF UK 74-83 AUG
STATION DATE YEAR MONTH
ALL WEATHER
CLASS
CONDITION
1200-1800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.4	2.4	.2								4.3	7.3
NNE	.2	.8	2.2	1.0								4.1	8.8
NE	.1	1.3	2.3	1.7								5.4	9.0
ENE	.1	1.3	2.0	1.7								5.2	9.0
E	.3	2.9	1.7	1.0								5.9	7.5
ESE	1.0	3.5	.5									5.1	4.7
SE	.9	2.6	.3									3.8	8.9
SSE	1.2	1.8	.3									3.3	8.5
S	.5	3.7	2.2	.3								6.7	6.3
SSW	1.1	1.4	1.5	.2								4.2	6.2
SW	.9	1.2	1.7	1.4								5.2	7.9
WSW	.3	1.0	1.7	1.9	.2							5.2	10.3
W	.9	1.8	4.1	1.7	.6							9.1	9.3
WNW	.3	1.2	2.2	.8								4.4	8.0
NW	.2	1.0	1.3	.4								2.9	7.7
NNW	.8	.5	2.0	.2								3.5	6.8
VARB		.1	14.8	5.6	.2							20.8	9.8
CALM												1.1	
	9.0	27.4	43.2	18.2	1.9							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 035951 WOODBRIDGE RAF UK YEARS 78-83 MONTH AUG
STATION NAME CLASS ALL WEATHER 1530-1700
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.0	2.3	.4								4.1	7.3
NNE	.2	1.1	2.4	.4								4.1	7.9
NE	.1	1.4	3.2	1.7								6.5	9.0
ENE	.2	1.3	3.4	1.5	.1							6.6	8.9
E	1.2	4.6	2.7	1.0								9.5	6.8
ESE	1.3	3.8	.9									5.9	4.7
SE	1.1	1.7	.2									3.0	4.3
SSE	1.5	2.8	.2									4.5	4.2
S	1.8	4.5	2.5	.3								9.1	5.7
SSW	.8	2.3	1.3	.2								4.5	4.0
SW	.8	1.0	2.3	1.2								5.2	8.1
WSW	.2	1.1	2.6	1.4	.1							5.4	9.3
W	.2	1.6	2.2	2.0	.2	.2						6.5	10.1
WNW	.3	1.0	2.2	.5								4.0	7.4
NW	.2	1.7	1.4	.3								3.7	6.6
NNW	.2	1.2	1.6	.1								3.1	6.7
VARBL			9.7	9.0	.1							13.8	10.2
CALM												.8	
	10.5	31.9	40.9	15.2	.5	.2						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 035551 WOODBIDGE RAF UK YEARS 74-83 AUG
STATION NAME WOODBIDGE RAF UK 1970-2000
CLASS ALL WEATHER
CONDITION 1970-2000
MOONS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.6	2.4	2.2	.1								6.2	5.4
NNE	1.2	3.7	1.8	.2								6.9	5.3
NE	1.2	2.6	2.5	1.4								7.4	7.3
ENE	1.6	2.9	1.5	.6								6.7	5.8
E	3.5	3.4	1.1	.4								8.5	4.8
ESE	2.4	1.3										3.7	3.0
SE	1.3	.4										1.7	3.1
SSE	1.4	.2	.1									1.7	2.8
S	3.7	3.3	.8									7.7	4.0
SSW	2.4	2.4	2.4	.4								7.5	5.3
SW	1.6	3.5	2.4	.9								8.8	6.3
WSW	1.2	.9	2.5	.6								4.9	7.1
W	.2	2.7	2.4	.4	.1							5.2	7.4
WNW	1.2	1.0	1.0	.1								3.0	5.4
NW	1.1	1.1	.6	.3								3.1	5.4
NNW	.8	1.1	.8									2.4	5.4
VARBL			1.9	1.0								2.9	10.2
CALM												11.8	
	25.6	32.2	23.8	6.6	.1							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 035951 WOODBRIDGE RAF UK STATION NAME 74-83 YEARS 1977-2300
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.8	4.7	1.8									1.1	4.5
NNE	2.4	2.6	1.1									5.2	4.3
NE	1.3	1.1	.8	.3								7.4	5.4
ENE	1.2	.9	.4	.2								2.7	4.8
E	1.3	1.1	.6	.5								3.6	5.5
ESE	.5	.4	.1	.1								1.2	4.8
SE	.6	.2										.2	2.4
SSE	.5	.2	.1									1.2	3.2
S	2.9	1.3		.1								4.3	3.2
SSW	2.7	2.2	1.3									6.1	4.8
SW	2.2	5.0	2.4	.6								10.1	5.7
WSW	1.2	2.2	3.1	.1								6.6	6.3
W	1.3	2.6	1.7	.6								6.2	6.2
WNW	.9	1.2	.5	.3								2.2	5.4
NW	1.6	1.1		.2								2.9	3.9
NNW	1.3	1.8	.1									3.2	4.2
VARBL			1.7	.4								1.4	9.4
CALM												27.1	
	25.7	28.4	15.1	3.7								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 135951 WOODBRIDGE RAF UK STATION NAME 74-83 YEARS AUG
CLASS ALL WEATHER ALL
CONDITION HOURLY (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.5	1.9	.2								7.6	5.2
NNE	1.1	1.9	1.5	.3								4.6	5.6
NE	.9	1.4	1.7	1.1	.7							5.3	7.6
ENE	.9	1.1	1.3	.6	.7							3.8	7.0
E	1.2	2.1	1.2	.5								5.0	6.5
ESE	.8	1.5	.3	.0								2.7	4.6
SE	.7	.8	.1									1.6	3.9
SSE	.9	.9	.1									1.9	3.6
S	2.7	2.2	.8	.1								5.2	4.7
SSW	1.5	1.9	1.5	.3								5.3	5.7
SW	1.5	2.4	2.3	.8								7.1	6.4
WSW	1.2	2.1	2.6	1.1	.1	.7						7.7	7.7
W	1.1	2.6	2.8	1.2	.1	.7						7.9	7.5
WNW	1.7	2.7	1.4	.4	.7							4.9	6.7
NW	1.2	1.8	1.1	.3	.7							4.4	5.6
NNW	1.3	1.9	1.7	.1								4.3	5.7
VARBL	.5	.1	5.3	2.0	.1							7.5	9.6
CALM												14.0	
	19.1	30.3	27.1	9.0	.8	.7						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 7825

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35051 WOODBRIDGE RAF UK YEARS 73-82 MONTHS SEP
STATION NAME
ALL WEATHER
CLASS
CONDITION
0000-2200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	1.6	.6									4.7	3.8
NNE	.3	.4										.8	3.6
NE	.2	.1	.1	.2								.7	7.7
ENE		.1	.8									.9	7.9
E	.7	.2	.4	.3								1.7	6.3
ESE	.7	.8	.2									1.7	4.1
SE	.9	.8										1.7	3.6
SSE	.9	.4	.1									1.3	3.4
S	1.4	.9	1.1	.3	.2							4.0	6.2
SSW	2.2	3.8	5.7	.6	.2							11.6	6.7
SW	1.8	4.9	4.7	1.3	.2							12.2	6.9
WSW	2.7	2.3	3.2	1.1	.2							9.6	6.7
W	2.0	2.9	2.3	1.4	.1							8.8	6.9
WNW	.9	2.9	1.3	.1								5.2	5.7
NW	1.3	2.2	.9									4.4	4.7
NNW	1.8	2.1	.7									4.6	4.5
VARBL			1.6	.8								2.3	9.9
CALM												24.0	
	20.0	26.4	22.3	6.2	1.0							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35951 STATION NAME WOODBRIDGE RAF UK YEAR 73-82 GDD 560
CLASS ALL WEATHER MONTH 0330-0500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	2.2	2.4	.6	.1								5.3	4.3
NNE	.4	.4	.4									1.1	5.3
NE	.3	.1										.4	2.4
ENE	.4	.3	.3									1.1	5.3
E	.6	.2	.8	.3								1.9	6.3
ESE	.4	.3	.2									1.0	9.3
SE	.7	.1	.1									.9	3.4
SSE	.3	.4										.8	3.4
S	1.6	2.1	1.4	.2								5.3	5.3
SSW	2.2	2.6	2.7	.6	.3							8.3	6.3
SW	3.4	2.6	4.8	1.1	.1							12.0	6.3
WSW	3.1	3.6	4.3	1.0	.1							12.1	6.3
W	2.4	2.7	2.3	1.3	.3							9.3	6.3
WNW	1.0	3.4	.7	.1	.1							5.3	5.3
NW	1.4	1.4	1.4	.1								4.8	5.3
NNW	2.4	1.3	.3									4.3	3.4
VARBL			1.3	.9	.4							2.3	11.0
CALM												23.8	
	23.1	24.1	21.0	5.8	1.4							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 600

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 07051 WOODBRIDGE RAF UK 77-82 SEP
STATION NAME YEAR MONTH
ALL WEATHER
CLASS
0600-0800
HOURS (L.S.T.)
OBSERVATION

SPEED (KNTS.) Dir	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	2.9	1.9									6.7	4.3
NNE	.6	.9	.3									1.8	4.7
NE	.3	.7										.6	2.8
ENE	.2	.1	.1									.4	5.0
E	.9	.8	.6	.1								2.4	5.9
ESE	.4	.8	.4	.1								1.8	5.6
SE	.9	.7										1.3	3.3
SSE	1.0	.7	.1									1.8	3.8
S	2.1	1.8	.3	.6								4.8	4.9
SSW	1.8	1.9	2.4	.8	.4							7.1	6.7
SW	1.7	5.2	4.6	1.4								12.6	6.5
WSW	2.8	4.7	4.6	1.3	.2							12.9	6.6
W	1.6	2.3	2.9	1.8	.6	.1						9.2	8.3
WNW	1.1	2.8	1.9	.2								6.2	6.0
NW	1.2	1.6	1.6									4.3	5.9
NNW	1.0	2.9	.8									4.7	4.8
VARBL		.2	3.3	2.3	.8	.1						6.2	10.7
CA												16.0	
		29.5	25.1	8.8	1.2	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035951 WOODBRIDGE RAF UK

73-82

SEP

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.3	1.6									4.1	6.6
NNE	.9	1.2	.8									2.8	5.6
NE	.1	.6	.8	.2								1.7	7.3
ENE	.3	.6	1.1	.1								2.1	6.5
E	.3	.6	1.2	.3								2.6	7.6
ESE	.8	1.7	.7	.4								2.9	6.0
SE	.3	.9										1.2	8.2
SSE	1.4	.9	.1									2.4	3.5
S	1.2	2.9	1.1	.1	.1							5.4	5.6
SSW	.9	2.4	4.4	1.1								8.9	7.3
SW	.4	2.3	4.7	2.6	.1							10.1	8.6
WSW	1.2	2.6	5.3	2.1	.3							11.6	8.2
W	.8	2.3	2.7	3.4	1.1	.4						10.6	10.3
WNW	.6	2.1	2.2	.4	.1							5.4	7.6
NW	.3	1.4	1.8	.2								3.8	6.6
NNW	.3	1.9	1.6									3.8	6.6
VARBL		.1	10.3	6.1	.7	.7						17.9	11.6
CALM												2.7	
	10.1	26.1	40.3	17.2	2.4	1.1						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035951 WOODBRIDGE RAF UK 73-82 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1800
HOURS (L.E.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.7	1.8	.2								4.1	6.7
NNE	.2	.4	.7									1.3	6.3
NE	.2	.2	1.1	.3								1.9	8.6
ENE	.1	.4	1.3	.1								2.2	7.4
E	.2	1.6	1.3	1.0								4.1	7.9
ESE	.2	.9	.7									1.8	6.1
SE	.7	1.8	.3									2.8	4.6
SSE	.8	2.3	.3									3.4	4.6
S	.9	4.1	3.3	.8								9.1	6.7
SSW	.3	2.8	3.0	1.6								7.7	7.8
SW	.3	1.8	3.8	3.0								8.9	9.4
WSW	.1	2.3	3.0	3.1	.3							8.9	9.4
W	.6	2.3	2.7	4.4	1.1	.6	.1					11.8	11.5
WNW	.1	1.1	1.3	.7	.2							3.4	8.8
NW	.4	1.2	1.1									2.8	6.1
NNW	.4	.9	1.2	.1								2.7	6.5
VARBL		.1	12.7	7.6	.9	.7						21.9	10.8
CALM												1.4	
	6.1	26.0	39.7	22.9	2.6	1.2	.1					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

73-82
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
LOCAL (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2	1.8	.8								4.3	7.6
NNE	.3	.3	.6									1.2	6.0
NE	.3	.8	.4	.2								1.8	6.2
ENE	.3	1.4	1.6	.2								3.6	6.6
E	.2	2.7	2.1	.7								5.7	7.1
ESE	.8	2.7	.3	.1								3.2	5.0
SE	1.2	1.3	.2									2.8	3.8
SSE	2.2	2.2	.4									4.9	4.0
S	3.7	6.8	2.6	.3								12.7	5.2
SSW	.9	2.3	3.6	1.7								8.8	7.7
SW	.2	1.9	3.9	2.6	.2	.2						9.0	9.8
WSW	.1	2.0	3.9	1.2	.2							7.8	8.6
W	.9	1.7	3.2	2.8	1.6							10.1	10.5
WNW	.4	.9	2.7	1.0	.1	.1						8.6	8.6
NW	.7	.8	.7	.1								2.2	5.2
NNW	.6	1.3	.3									2.2	8.6
VARBL			9.1	4.3	.3	.3						18.1	10.6
CALM												1.6	
	12.8	29.7	36.7	16.0	2.8	.7						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

035951 WOODBRIDGE RAF UK 73-82 SEP 1800-2000
STATION STATION NAME YEAR MONTHS
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.6	.9									3.9	4.6
NNE	.7	1.7	.1									1.8	4.1
NE	1.2	.7	.2									2.1	3.3
ENE	.4	.7	.7	.1								1.9	5.9
E	1.9	1.4	1.2									4.6	4.5
ESE	1.8	.9	.2									2.9	3.3
SE	1.2	.6										1.8	2.9
SSE	1.6	.3										1.9	2.7
S	2.6	3.8	1.3									7.7	4.5
SSW	2.8	4.1	4.9	.9								12.7	6.1
SW	2.3	3.6	4.4	1.7	.4	.3						12.8	7.9
WSW	1.4	2.3	2.1	1.0								6.9	6.5
W	.8	2.2	2.8	1.2								7.0	7.5
WNW	1.4	1.7	.4	.9	.1	.1						4.7	6.9
NW	.9	.4	.6		.1							2.0	5.6
NNW	.4	1.0	.2									1.7	4.3
VARB			2.8	.6								3.3	9.0
CALM												20.5	
	22.9	26.3	22.9	6.3	.7	.4						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035951 WOODBRIDGE RAF UK 73-82 550
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
2100-2300
MOON (L.F.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.0	.6									4.2	4.5
NNE	1.0	.3	.1									1.4	3.2
NE	.3	.2	.1									.7	8.3
ENE	.3	.4	.8	.1								1.7	6.6
E	.8	1.1	.8									2.7	5.0
ESE	1.7	1.7	.4									2.4	4.8
SE	.7	.2	.3									1.2	3.6
SSE	1.1	.7	.1									1.5	3.6
S	1.6	1.9	1.3									4.8	8.5
SSW	2.6	3.8	5.2	1.7								12.6	6.4
SW	1.7	4.2	4.1	.9	.6	.2						11.7	7.5
WSW	.8	3.3	3.8	1.4	.1							9.4	7.4
W	1.1	3.7	2.3	1.4								7.9	7.1
WNW	.7	2.1	1.4	.2								4.8	5.9
NW	1.1	1.2	.3	.1								2.8	4.6
NNW	1.4	2.7	.3									3.8	4.3
VARBL			2.0	.3	.3							2.7	10.8
CALM												24.1	
	17.8	27.6	23.8	5.6	1.0	.2						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35951 WOODBRIDGE RAF UK 73-82 SEP 800000
STATION STATION NAME YEARS MONTHS
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.0	1.1	.1								9.5	5.1
NNE	.5	.6	.4									1.5	4.9
NE	.4	.4	.3	.1								1.2	5.9
ENE	.3	.5	.8	.1								1.7	6.5
E	.7	1.1	1.1	.3								7.2	6.4
ESE	.8	1.0	.4	.1								2.2	4.8
SE	.8	.8	.1									1.7	3.8
SSE	1.2	1.0	.2									2.3	3.8
S	1.8	3.7	1.5	.3	.7							6.7	5.4
SSW	1.7	3.7	3.9	1.0	.1							9.7	6.8
SW	1.5	3.3	4.3	1.8	.2	.1						11.2	7.7
WSW	1.5	2.8	3.8	1.5	.2							9.8	7.4
W	1.3	2.4	2.7	2.2	.6	.1	.7					9.3	8.9
WNW	.8	2.1	1.4	.5	.1	.7						4.9	6.7
NW	.9	1.3	1.0	.1	.0							3.3	5.5
NNW	1.1	1.7	.7	.0								3.4	4.8
VARBL		.1	5.4	2.9	.4	.2						8.9	10.7
CALM												14.3	
	16.3	27.0	29.1	11.1	1.6	.5	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 035951 WOODBRIDGE RAF UK STATION NAME 73-82 YEARS 001
DATE 0000-0000
MONTH (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.2	.1									3.3	3.6
NNE	.6	.6	.3									1.6	4.6
NE	.3	.5	.6	.3								1.8	6.6
ENE	.1	.5	.6	.5								1.8	8.6
E	.4	.9	.6	.5								2.5	7.2
ESE	.9	1.7	.3	.2								3.1	5.2
SE	.5	1.7	.1	.1								1.7	4.6
SSE	1.1	.1	.2									1.4	3.3
S	2.4	2.4	1.1	.2								6.7	4.6
SSW	2.2	3.3	2.6	.8	.1							8.6	6.0
SW	2.6	3.7	2.7	1.0	.4							9.7	6.2
WSW	1.9	2.0	2.2	1.4	.1							7.6	7.0
W	2.7	1.6	3.3	2.3	.4							9.7	8.3
WNW	1.1	1.8	1.5	.6								5.1	6.6
NW	1.7	2.8	.6	.1								5.2	4.6
NNW	1.2	1.6	1.3									4.1	4.6
VARBL		.1	2.9	1.3	.2							4.5	10.3
CALM												22.5	
	20.8	25.6	20.5	9.4	1.3							100.5	

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 77951 WOODBRIDGE RAF UK 77-82 OCT
STATION NAME YEARS MONTH
CLASS ALL WEATHER
CORRECTION 0300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	2.3	.2									4.7	3.9
NNE	.5	1.0	.2									1.7	4.6
NE	.3	1.0	.4	.2								1.9	6.4
ENE	.3	.3	.4	.3								1.4	7.3
E	1.1	.4	.6	.4								2.6	6.1
ESE	.6	1.8	.3									2.9	4.6
SE	1.1	1.7										2.9	4.0
SSE	1.3	1.7	.1									2.4	3.1
S	1.5	3.7	1.8									6.3	5.3
SSW	1.7	2.3	2.7	.9								7.5	6.6
SW	2.8	2.9	1.9	.6	.1							8.4	5.6
WSW	1.3	3.7	1.8	1.4								7.5	6.9
W	1.4	1.8	3.7	2.5	.5							9.2	8.7
WNW	1.7	3.4	1.8	.5								7.5	5.7
NW	1.6	2.7	1.0	.2								4.8	5.2
NNW	1.5	1.9	1.1									4.5	4.6
VARBL			1.9	1.5								3.4	10.8
CALM												20.3	
	21.1	29.9	19.5	8.6	.6							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035951 WOODBRIDGE RAF UK

73-82

YEARS

OCT

ALL WEATHER

0600-0800

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.9	.4									4.7	4.7
NNE	1.0	.8										1.7	3.7
NE	.9	.6	.6	.3								2.4	6.3
ENE	.4	.5	.6	.1	.2							1.9	7.6
E	.6	.9	.3	.4		.2						2.5	7.7
ESE	1.3	1.8	.3	.1								3.5	9.4
SE	1.2	.6	.4	.3								2.4	5.6
SSE	.9	.5	.1									1.5	3.4
S	2.8	3.4	1.3	.1								7.6	9.6
SSW	1.5	2.2	2.9	.6								7.2	6.7
SW	2.2	3.7	2.8	.6								8.6	6.7
WSW	2.9	2.2	2.7	1.1								8.2	6.7
W	2.2	2.3	3.2	3.3	.8							11.7	8.7
WNW	1.0	3.0	1.7	.6								6.3	6.1
NW	1.2	2.9	1.2	.1	.1							5.5	5.6
NNW	1.5	1.3	.3	.1								3.2	4.3
VARBL		.1	2.2	1.4	.3							4.5	11.7
CALM												17.0	
	22.6	29.0	20.4	9.6	1.4	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 035051 STATION NAME WOODBRIDGE RAF UK YEARS 77-82
CLASS ALL WEATHER
CONDITION
CCT NORTH
0900-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	3.5	1.2									5.5	5.3
NNE	.5	1.1	.8	.1								2.5	5.7
NE	.6	.5	.5	.4								2.2	6.8
ENE	.4	.4	.4	.2	.1							1.6	7.4
E	.4	1.5	1.3	.3	.1							3.7	7.3
ESE	.5	1.3	.5	.3								2.7	6.2
SE	.6	1.3	1.0	.3	.1							3.3	6.7
SSE	.2	1.3	.3	.1								1.9	5.8
S	1.5	3.7	2.3	.1								7.5	5.7
SSW	1.1	1.5	2.7	1.8								7.1	8.2
SW	1.2	2.0	2.0	2.5	.1							7.8	8.6
WSW	.4	2.7	2.2	1.5	.1							6.9	8.2
W	1.0	2.9	2.0	3.4	1.2	.1						10.6	9.7
WNW	.6	1.2	2.9	1.8	.1							6.7	9.0
NW	.8	1.6	1.9	.9								5.2	7.5
NNW	1.7	1.7	1.4	.5	.2							5.6	6.3
VARBL		.2	9.2	3.2	1.2	.2						14.1	10.6
CALM												5.2	
	12.5	28.5	32.7	17.6	3.2	.3						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

035951
STATION

000BRIDGE RAF UK
STATION NAME

73-82
YEARS

001
DATE

ALL WEATHER
CLASS

1200-1800
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.9	1.7	.4								5.7	6.3
NNE	.5	1.1	1.1	.5								3.2	7.3
NE	.4	.6	.1	.8								1.3	7.6
ENE	.3	.2	.5	.6								1.6	8.5
E		1.8	1.7	.2								3.8	7.3
ESE	.6	1.1	.9									2.6	5.5
SE	.4	1.3	.9	.3	.1							3.7	7.3
SSE	1.7	.9	1.1	.1								3.8	4.9
S	1.6	2.7	2.3	.3								6.9	5.9
SSW	.8	3.2	3.2	1.4	.1							8.7	7.6
SW	1.7	1.9	2.3	2.4	.1							7.6	8.5
WSW	.4	1.6	2.3	2.3	.3	.1						6.8	9.7
W	.6	1.4	3.4	2.7	.5	.3						9.5	10.2
WNW	1.7	1.4	2.6	2.7	.2							7.2	8.6
NW	.5	1.9	1.5	1.3	.1							5.6	7.5
NNW	.3	1.3	.5	.8	.1							3.2	7.6
VARBL		.3	12.3	4.0	.9	.1						17.5	10.3
CALM												2.3	
	10.9	25.7	38.1	20.1	2.5	.5						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 03951 STATION NAME WOODBRIDGE RAF UK YEARS 77-82 MONTH OCT
CLASS ALL WEATHER MONTHS 1500-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.6	1.1									5.6	4.7
NNE	.7	1.0	1.0	.3								3.1	6.1
NE	.3	.8	.6	.3								2.3	7.2
ENE	.1	.5	1.5	.6								2.3	8.5
E	1.2	1.1	.4	.3								3.0	5.2
ESE	1.6	1.9	.8									4.3	4.4
SE	1.3	2.3	.4	.1								4.1	4.7
SSE	1.3	.5	.1	.1								2.0	3.6
S	4.7	4.7	2.4	.2								10.5	4.8
SSW	1.8	3.7	2.5	1.3								5.6	6.5
SW	.5	2.3	2.8	1.3	.1							7.0	7.7
WSW	.8	1.3	2.8	.9	.1							5.8	8.2
W	1.0	1.4	2.7	2.3	.3							7.6	9.3
WNW	.9	2.5	2.6	1.4								7.3	7.6
NW	1.1	1.7	.9	.2								3.9	5.3
NNW	1.3	1.6	1.2	.2								4.3	5.8
VARBL		.3	7.1	2.9	.4							10.8	9.9
CALM												7.2	
	19.9	28.7	30.8	12.5	1.0							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 075951 WOODBRIDGE RAF UK 73-82 OCT
STATION NAME YEARS DATE
CLASS ALL WEATHER 1939-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	1.7	.8	.1								5.2	4.1
NNE	.8	.4	.1	.1								1.4	4.1
NE	.3	.8	.5	.2								1.8	6.2
ENE	1.1	.2	.8	.2								2.2	4.0
E	1.3	1.7	.6	.4								3.3	5.3
ESE	.9	1.2	1.7	.1								3.0	5.6
SE	1.3	.5	.2									1.7	3.6
SSE	1.3	1.7	.5	.1								2.6	4.6
S	2.7	3.1	2.5	.1								8.4	5.2
SSW	1.8	3.8	3.4	1.7	.1							10.1	6.6
SW	1.9	3.4	2.9	.5	.4							9.2	6.6
WSW	1.3	1.4	2.9	.8	.1							5.7	7.5
W	1.1	2.5	2.5	1.4	.1							7.5	7.3
WNW	1.1	1.1	.8	.2								3.1	5.8
NW	1.8	1.6	.8	.3								4.5	8.6
NNW	2.3	1.3	.1	.1								3.5	3.6
VARBL			3.4	1.2	.3	.1						5.1	10.9
CALM												21.6	
	22.3	24.9	23.3	6.8	1.1	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035951 WOODBRIDGE RAF UK 73-80 OCT
STATION MONTH
ALL WEATHER CLASS
2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	1.4	.6	.1								4.7	4.3
NNE	.3	1.0	.3									1.6	5.1
NE	.4	.1	.1	.2								.9	5.8
ENE	.8	.8	.6	.3								2.5	6.2
E	.2	.5	1.4	.1								2.3	7.3
ESE	.5	1.1	.6	.2								2.5	6.1
SE	1.0	.5	.4									1.9	4.5
SSE	1.7	1.2	.2	.1								3.2	3.9
S	2.7	2.3	1.2	.2								5.7	4.9
SSW	1.8	3.3	2.9	.8	.1							8.9	6.7
SW	2.6	3.5	2.0	1.1	.1							9.4	6.1
WSW	1.8	2.2	2.9	1.0	.4							8.3	7.3
W	1.7	3.7	2.6	2.2	.1							8.8	7.9
WNW	1.4	1.1	1.8	.9								5.2	6.5
NW	1.4	1.8	.6	.1								4.0	4.8
NNW	1.2	1.1	.5	.1								2.9	4.6
VARS		.1	3.1	1.6	.3	.2						5.8	11.2
CALM												22.7	
	20.0	24.9	22.2	8.9	1.1	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35951 STATION NAME WOODBRIDGE RAF UK YEARS 71-82 OCT 82
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.3	.8	.1								4.8	4.7
NNE	.6	.9	.5	.1								2.1	5.8
NE	.4	.6	.5	.3								1.9	6.8
ENE	.4	.4	.7	.4	.7							2.2	7.4
E	.7	1.7	.9	.3	.7	.7						2.9	6.6
ESE	.9	1.5	.6	.1								3.1	5.2
SE	.9	1.2	.4	.1	.0							2.6	5.3
SSE	1.1	.8	.3	.1								2.4	4.2
S	2.3	3.1	1.8	.2								7.4	5.3
SSW	1.6	2.8	2.9	1.1	.1							8.3	6.9
SW	1.8	2.8	2.4	1.2	.2							8.5	6.8
WSW	1.3	2.0	2.3	1.3	.1	.7						7.1	7.5
W	1.3	2.1	2.8	2.9	.9	.1						9.3	8.8
WNW	1.1	1.9	2.0	1.0	.0							6.3	7.3
NW	1.3	2.1	1.1	.4	.0							4.8	5.8
NNW	1.3	1.9	.8	.2	.0							3.9	5.3
VARBL		.1	5.3	2.1	.9	.1						8.1	10.5
CALM												14.8	
	18.7	27.2	25.9	11.7	1.9	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 7880

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 035951 WOODBRIDGE RAF UK YEARS 73-82 MONTH NOV
STATION NAME CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.1	.6	.4								8.6	5.1
NNE	.4	.5		.1								1.0	4.4
NE	.1	.3		.1		.3						.8	12.2
ENE			.1	.8	.3	.1						1.3	15.6
E			.3									.3	8.0
ESE	.8	.1	.1									1.0	2.9
SE	.5	.1	.6									1.3	5.5
SSE	.8	.4	.3									1.4	4.2
S	1.5	1.3	.9	.3								3.9	5.3
SSW	1.3	2.5	3.6	1.3								8.6	7.2
SW	1.6	4.4	5.5	3.1								14.6	7.9
WSW	1.5	3.3	6.3	2.9	.4	.3						14.5	8.5
W	.8	2.6	3.6	4.1	.4	.3	.3					12.0	10.0
WNW	.9	3.4	3.3	1.3								8.8	7.0
NW	.9	1.6	2.1	.3								4.9	6.5
NNW	1.0	1.9	.9	.1	.1							4.2	5.4
VARBL			2.4	3.5	.5							6.9	12.2
CALM												10.9	
	13.4	24.9	30.5	18.1	1.6	.9	.3					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 800

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION C75951 STATION NAME WOODBRIDGE RAF UK YEARS 73-82 NCV 0000
CLASS ALL WEATHER C300-0500
CONDITION 0000 (L.T.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	2.4	.4	.4								6.3	4.3
NNE	.3	.1		.3	.1							.8	10.0
NE		.1	.4	.4	.1	.1						1.1	12.9
ENE		.1	.1		.1	.3						.6	16.6
E		.3	.3									.5	6.3
ESE	.6	.4	.1									1.1	3.3
SE	.5	.5	.1									1.1	4.2
SSE	.5	.4	.5									1.4	4.7
S	1.1	2.7	1.1	.3								4.5	5.4
SSW	1.9	3.3	4.3	.9								10.3	6.3
SW	1.0	3.5	4.7	4.2	.1							13.5	8.9
WSW	2.4	3.8	8.1	2.5	.9	.1						17.7	8.3
W	1.3	2.5	3.4	2.8		.8	.3					10.9	9.6
WNW	.8	1.3	2.4	1.3								5.7	8.2
NW	1.5	1.4	1.8	.6								5.3	6.3
NNW	1.0	1.4	.8	.1								3.3	5.3
VARBL			2.5	2.0	.9							5.4	12.0
CALM												10.4	
	16.7	23.4	30.8	15.6	2.3	1.3	.3					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 795

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035951 000BRIDGE RAF UK 73-82 NOV
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASB 0600-0800
CORDITION HOURS (L & T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.5	.9	.1								4.6	4.8
NNE	.4		.2									.6	4.4
NE		.1	.4	.1	.4	.2	.1					1.4	17.1
ENE	.1	.1	.5	.4		.1						1.2	11.3
E	.1	.4	.2	.1								.9	6.9
ESE	.6	.4										1.0	3.5
SE	.5	.6	.4									1.5	4.8
SSE	1.4	1.2										2.4	3.6
S	1.7	1.5	.9	.1	.1							4.4	5.3
SSW	1.2	3.4	4.4	1.4	.1							10.5	7.3
SW	2.4	3.2	5.9	2.9	.1							14.5	7.8
WSW	2.4	2.2	6.4	1.5	.4	.4						13.2	8.1
W	1.1	2.6	4.4	3.9	.7	.9	.1					13.7	10.4
WNW	.7	1.5	1.7	.7								4.7	7.0
NW	1.1	.9	2.5	.2	.1							4.9	7.1
NNW	1.1	2.0	.9	.2								4.2	5.4
VARBL			3.4	3.2	.6	.1						7.4	12.1
CALM												9.1	
	17.1	21.2	33.0	15.0	2.6	1.7	.2					120.0	7.3

TOTAL NUMBER OF OBSERVATIONS 801

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

075951
STATION

WOODBIDGE RAF UK
STATION NAME

73-82
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0930-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.7	.9	.4								4.8	5.8
NNE	.3	.1	.4									.7	6.7
NE	.1		.1	.2		.1						.6	12.7
ENE		.4	.6	.4	.2	.5	.1					2.2	14.3
E	.4	.6	.1	.2								1.4	6.3
ESE		.1	.1									.2	6.5
SE	.4	1.1	.1									1.4	4.8
SSE	.7	1.1	.2									2.1	4.4
S	1.3	3.0	1.1									5.1	5.8
SSW	1.7	1.7	4.0	3.1	.1							9.9	8.9
SW	1.0	3.2	5.6	3.2	.1							13.1	8.6
WSW	.6	2.1	5.8	4.0	.6							13.1	9.6
W	.5	1.6	4.7	4.4	.7	1.7						11.0	11.3
WNW	.5	1.2	2.7	1.5	.7	.1						6.0	9.6
NW	.5	1.6	1.9	1.5								5.4	8.2
NNW	1.2	2.6	1.1									4.9	5.0
VARBL			4.9	5.1	.9	.1						11.0	12.0
CALM												5.2	
	9.6	22.2	33.6	24.0	3.5	1.9	.1					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 035951 WOODBRIDGE RAF UK STATION NAME YEARS 77-82 MONTHS NOV
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.3	1.4	.1								5.2	5.2
NNE	1.0	.4	.2	.1								1.7	4.8
NE	.2	.2	.2	.1								.9	6.0
ENE	.1	.2	.6	.1	.4	.6	.1					2.2	15.0
E	.1	.9	.1	.2								1.4	6.8
ESE	.1	.2	.1	.1								.6	7.4
SE	.2	.1	.4									.7	5.8
SSE	.5	1.1	.5									2.1	5.0
S	.5	1.8	1.2	.1								3.7	6.7
SSW	1.1	2.1	3.0	3.0								9.1	8.8
SW	.6	1.7	6.2	3.4	.2							12.2	9.2
WSW	.9	2.7	3.4	4.4	.9	.1						11.7	10.1
W	.2	1.4	5.4	6.4	1.6	.7	.1					15.9	12.1
WNW	.2	1.7	1.8	2.8	.4	.1						6.4	10.5
NW	.5	1.2	2.2	.9	.2							5.3	8.5
NNW	.6	1.5	.9	.5								3.4	6.8
VARBL			7.4	6.5	1.0							14.9	11.3
CALM												3.0	
	8.3	18.2	35.1	28.9	4.7	1.6	.2					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 812

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

73-80
YEARS

NOV
DATE

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.1	.6	.6	.1							4.7	5.4
NNE	.6	.4	.4	.1								1.5	5.2
NE		.2	.6	.1								1.7	9.2
ENE	.5	.4	.1	.1	.2	.4						1.7	11.2
E			.4	.4		.1						.9	13.4
ESE	.1	.1	.1									.4	5.3
SE	.4	.1										.9	3.5
SSE	.9	.5	.5									1.9	4.7
S	1.6	2.3	1.4									5.3	4.8
SSW	1.7	3.6	3.7	2.2								11.2	7.9
SW	1.2	4.7	5.2	2.5								12.8	7.8
WSW	1.1	1.7	3.3	3.6	.4	.1						10.2	9.3
W	1.1	1.9	4.2	4.1	1.6		.2					13.1	10.7
WNW	.6	1.9	3.5	1.5		.3						7.7	8.7
NW	1.1	2.1	3.0	.9								7.2	7.3
NNW	.4	1.5	.5	.2								2.6	5.8
VARB			5.3	3.5	.4	.1						9.3	11.0
CALM												8.3	
	13.6	21.7	32.7	19.8	2.7	1.7	.2					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 15951 WOODBRIDGE RAF UK 73-82 NOV
STATION NAME YEARS
CLASS ALL WEATHER 1800-2300
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.4	1.4	.4								4.3	5.5
NNE	.1	.4	.5									1.1	5.9
NE	.1	.2	.5									.9	6.6
ENE	.1	.1	.2	.2	.2	.2						1.2	13.9
E	.4			.4	.1	.2	.1					1.2	12.0
ESE	.1	.1	.2	.2								.7	8.5
SE	.2	.2										.5	3.8
SSE	.1	.6	.2									1.2	6.0
S	2.2	1.2	1.7	.4								4.8	4.7
SSW	2.7	3.9	3.5	2.3	.1							11.7	7.2
SW	1.6	3.1	6.2	3.7								13.8	7.9
WSW	1.7	2.6	4.7	2.6		.2						11.1	8.5
W	1.0	2.7	4.7	3.8	.6	.1						12.2	9.6
WNW	.7	1.9	3.7	1.4	.4	.1						8.1	8.5
NW	.6	2.3	1.4	.5								4.8	6.6
NNW	.6	1.1	.5	.1								2.3	5.4
VARBL			3.3	4.0	.7							8.0	11.8
CALM												11.9	
	12.7	21.1	32.0	19.3	2.2	.7	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 75951 STATION NAME WOODBRIDGE RAF UK YEARS 77-80 ALCV NOV 78

CLASS ALL WEATHER HOURS (LST) 0100-2100

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	1.5	1.5	.2	.5								3.4
NNE	.4	.5		.2								1.1
NE	.1	.1	.2									.5
ENE		.4	.2	.4	.9	.1						2.1
E	.1	.1	.2	.1	.1							.7
ESE	.2											.2
SE	.4	.4	.1	.1								1.1
SSE	.2	.4	.4	.2								1.2
S	1.2	1.5	.9	.5								4.1
SSW	1.4	3.2	3.1	2.3								10.0
SW	1.1	4.7	4.9	3.2	.2	.1						13.6
WSW	1.4	3.1	5.4	3.5	.4							13.7
W	.7	2.5	3.1	3.5	.4	.2	.1					10.5
WNW	1.1	3.1	3.2	1.2	.4	.1						9.1
NW	.9	2.3	1.2	.7								5.2
NNW	1.6	1.4	.5									3.5
VARBL			2.3	4.4	.1	.4						7.3
CALM												12.4
	12.5	24.4	26.2	21.0	2.5	1.7	.1					10.0

TOTAL NUMBER OF OBSERVATIONS 879

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35951 STATION NAME WOODBRIDGE PAF JK YEARS 77-80
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.3	.9	.4	.2							4.1	3.5
NNE	.4	.3	.2	.1	.2							1.1	2.6
NE	.1	.2	.3	.1	.1	.1	.2					.2	12.9
ENE	.1	.2	.3	.3	.3	.3	.2					1.2	14.2
E	.1	.3	.2	.2	.2	.2	.2					.9	6.5
ESE	.3	.2	.1	.0								.7	4.3
SE	.4	.4	.2	.0								1.1	4.3
SSE	.6	.7	.3	.0								1.7	4.3
S	1.4	1.0	1.1	.2	.2							4.5	5.3
SSW	1.4	2.9	3.7	2.1	.2							12.2	7.6
SW	1.3	3.4	5.5	3.2	.1	.1						13.5	9.3
WSW	1.4	2.6	5.4	3.1	.5	.2						13.1	9.8
W	.8	3.1	4.2	4.1	.8	.5	.1					12.7	10.5
WNW	.7	1.9	2.7	1.5	.2	.1						7.1	8.4
NW	.9	1.7	2.0	.7	.2							5.3	7.1
NNW	.9	1.7	.7	.2	.2							3.5	5.3
VARBL			4.7	4.0	.6	.1						8.7	11.9
CALM												8.9	
	12.9	22.1	31.7	20.2	2.8	1.3	.2					17.3	7.7

TOTAL NUMBER OF OBSERVATIONS 6997

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 075051 WOODBRIDGE RAF UK STATION NAME 73-74-76-82 YEARS DIC
CLASS ALL WEATHER HOURS (LST) 0000-0200
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.3	.9	.1	.1							3.4	5.7
NNE		.5	.3									.3	6.3
NE	.1	.3	.9	.1								1.4	7.7
ENE	.7	.7	1.2	.8	.1	.1	.1					2.9	11.7
E	.7	.1	1.2									2.2	5.7
ESE	.7	.5	.7	.3	.1							1.8	7.9
SE	.4	.2	.7	.3								2.1	6.8
SSE	.2	.9	.4									2.1	4.9
S	1.7	2.1	.9	.9								5.6	6.3
SSW	.7	2.3	3.1	1.3								7.4	7.7
SW	.5	2.6	5.1	4.2	.1							12.5	9.2
WSW	1.7	1.9	4.6	3.9	.4							11.7	9.2
W	.7	2.1	3.3	3.9	1.6	.7						12.1	11.9
WNW	.9	1.7	2.9	1.8								7.2	8.2
NW	1.2	.7	1.4	.8	.1							4.2	7.3
NNW	.8	1.4	1.2	.3								3.6	5.9
VARBL			4.7	5.2	.5	.7						10.7	12.3
CALM												9.3	
	11.1	19.4	33.1	23.8	7.1	1.0	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 70051 WOODBRIDGE RAF UK STATION NAME 73-74, 76-82 YEARS DEC MONTH 3330-0500
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.2	.8									3.4	4.7
NNE	.3	.5	.8	.3								1.9	6.9
NE	.1		.5	.3		.7						1.2	12.7
ENE			.5	.3								.8	1.2
E	1.7	.2	1.4	.1								3.3	5.9
ESE	.5	.9	.7	.1								2.2	6.3
SE	.4	.4	.4	.1								1.4	6.3
SSE	.3	.8										1.6	3.7
S	1.1	2.4	1.4	.3								5.2	5.7
SSW	1.7	2.0	3.7	1.4								9.2	7.3
SW	1.7	3.7	6.7	2.6	.4		.3	.1				13.3	9.4
WSW	1.2	1.1	4.6	4.6	.7							12.2	10.5
W	.8	1.8	3.7	4.1	1.4	.7						12.4	11.0
WNW		1.1	3.1	1.1	.1							5.4	9.1
NW	.5		1.4	1.4	.3							3.5	10.0
NNW	1.2	1.1	1.6	.1								4.1	5.5
VARBL		.1	5.3	3.8	.7	.3						10.2	11.5
CALM												9.7	
	11.3	18.1	35.2	20.5	3.5	1.2	.3	.1				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 735

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 135951 WOODBRIDGE RAF UK STATION NAME 73-74-76-82 YEARS DEC MONTHS 0600-0800 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.8	1.4	.3	.3							4.6	6.5
NNE	.3	.9	.5									1.7	5.8
NE		.3	.1	.4		.4						1.2	14.2
ENE		.7	.1	.1								.9	7.3
E	.7	1.3	1.4									3.4	6.3
ESE	1.3	.7	.7	.5								2.9	6.2
SE	.5	.5	.7									1.7	5.5
SSE	.8	.5		.1								1.4	4.3
S	.7	2.4	1.4	.3								4.7	6.3
SSW	1.2	3.3	3.8	1.3								9.6	7.2
SW	1.7	2.1	5.1	2.4	.4							11.7	8.8
WSW	1.2	2.8	4.3	3.0	.9			.1				12.2	9.5
W	.7	3.3	2.4	5.6	1.7	.3	.1					13.4	10.4
WNW	.1	1.3	3.0	1.3	.5							6.3	9.3
NW	.1	1.3	1.3	1.0								3.8	8.4
NNW	.9	.7	.8	.1								2.5	5.4
VARBL			3.9	4.3	1.2	.3						9.7	12.4
CALM												9.3	
	17.9	22.7	31.1	20.8	4.3	.9	.1	.1				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 763

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

35951 0008BRIDGE RAF UK 73-74, 76-82 DEC 1973
STATION NAME YEARS
ALL WEATHER CLASS
0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.7	.6	.1								3.6	4.9
NNE	.2	1.0	1.2	.5								2.9	7.4
NE	.4	.2	.2	.2			.1					1.2	9.6
ENE	.2	.4	.7	.1		.1	.1					1.7	9.7
E	.2	.9	1.9	.4								3.9	7.6
ESE	.7	1.7	.6	.1								2.4	5.6
SE	1.1	1.3	.2	.1								2.8	4.2
SSE	.1	.7	1.7									1.8	6.5
S	.2	1.7	1.1	.2	.2							3.5	7.2
SSW	.7	2.4	2.9	1.9								6.0	7.9
SW	1.1	2.9	2.9	2.4	.8							10.2	8.9
WSW	.4	1.9	3.2	5.7	.4	.1						11.6	10.7
W	.4	2.4	4.4	6.8	.7	.6						15.3	11.1
WNW	.1	1.3	2.8	2.1	.5							6.8	9.6
NW	.7	1.2	1.6	1.0								4.5	7.7
NNW	.8	1.1	1.3	.6								3.9	6.8
VARBL			4.4	5.2	.8	.4	.2					11.0	12.2
CALM												5.3	
	8.7	22.2	31.0	27.5	3.5	1.2	.5					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 825

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

035951 WOODBRIDGE RAF UK

73-74-76-82

DEC

ALL WEATHER

1200-1400

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.0	1.3	.2								1.4	6.2
NNE	.1	1.1	1.7									2.2	6.3
NE		.4	.5	.2	.1	.1						1.3	11.2
ENE	.2	.4	1.0	1.0		.2						2.8	10.5
E	.7	1.3	2.1	.5								4.6	6.5
ESE	.2	1.1	.8	.5								2.7	7.5
SE	.2	1.2	.6									2.1	5.6
SSE	.2	.7	.5	.1								1.6	6.2
S	.5	2.1	1.3	.2	.1							4.2	6.8
SSW	.4	1.7	1.9	2.3	.2							6.5	9.6
SW	.2	2.7	3.3	2.4	.4							9.7	9.7
WSW	.6	2.1	3.4	3.5	.7	.6						10.9	10.5
W	.6	1.9	5.5	8.5	1.7	1.1						19.3	12.0
WNW	.2	1.1	2.5	2.1	.5							6.4	10.2
NW	.6	1.1	2.8	1.6								6.1	8.6
NNW	.4	1.5	1.2	.5								3.5	7.2
VARBL			4.2	4.7	1.7	.6						10.5	12.8
CALM												2.9	
	6.2	21.2	33.9	28.4	4.7	2.7						120.0	9.8

TOTAL NUMBER OF OBSERVATIONS 825

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 035951 STATION NAME WOODBRIDGE RAF UK YEARS 73-74, 76-82 DFC NORTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.2	1.6	.2								4.2	5.8
NNE	.6	.4	.7	.1								1.3	4.5
NE	.1	.2	1.3	.4	.1	.1						2.3	12.3
ENE		.6	.4	.4	.1	.1						1.6	1.0
E	.5	1.1	1.7	.6								3.2	7.3
ESE	.2	.8	.5	.4								1.9	6.8
SE	.4	1.1	.7	.2								2.4	6.3
SSE	.4	.6	.7	.2								1.9	7.2
S	1.6	2.9	1.3	.1	.1							6.1	5.5
SSW	2.2	2.4	3.7	.8	.1							8.6	6.7
SW	1.6	3.8	2.9	1.2								9.5	6.9
WSW	1.7	1.7	5.2	2.9	.7	.2						11.8	9.7
W	.7	2.7	4.5	6.7	1.7	.5	.1					16.8	11.2
WNW	.8	1.7	1.5	1.5		.2						5.7	8.4
NW	.2	1.0	1.8	.8								3.9	8.3
NNW	.4	1.7	1.2	.5								3.8	6.8
VARBL			4.6	2.9	.6	.1						8.2	11.2
CALM												6.8	
	11.9	23.9	32.5	20.0	3.5	1.3	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 825

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 035951 WOODBRIDGE RAF UK STATION NAME 73-74-76-82 YEARS DEC
MONTH 1830-2000
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.9	.5									2.4	5.0
NNE	.2	.5	.1	.2								1.1	6.3
NE		.1	.6	.1								.8	9.7
ENE	.1	.6	1.1	.2	.1							2.2	8.6
E	.6	.4	.8	1.7								3.5	8.9
ESE	.4	.2	1.1	.2								1.9	7.3
SE	.7	.5	.8	.4								2.4	6.2
SSE	.1	1.9	.6	.2								2.9	6.3
S	2.4	2.5	.8	.1								5.9	4.3
SSW	.7	2.8	3.9	1.5								8.9	7.9
SW	.8	3.2	5.7	2.4	.2							11.7	8.0
WSW	1.3	1.9	3.8	3.5	.4	.6						11.5	9.6
W	.4	3.9	4.1	5.2	.8	.8						15.2	10.9
WNW	.7	2.5	.8	1.2	.1							5.5	7.4
NW	.4	1.7	1.6	.8								4.5	7.8
NNW	.1	1.3	1.1	.4								2.9	7.1
VARBL			4.6	2.8	.6	.1						8.1	11.3
CALM												8.1	
	9.5	26.7	31.8	21.1	2.3	1.6						130.0	7.3

TOTAL NUMBER OF OBSERVATIONS 828

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 035051 OODBRIDGE RAF UK 73-74-76-82 YEARS DIC
STATION NAME ALL WEATHER 2100-2300
CLASS HOURLY (L S T)
CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.7	.6									2.7	4.6
NNE	.4	.6	.5									1.5	5.8
NE			.4	.2								.9	1.4
ENE		.7	.5	1.0	.1							1.8	11.1
E	.7	.6	1.2	.5								2.6	8.7
ESE	.7	.5	1.7	.2	.4							2.8	8.7
SE	.5	.4	1.1	.1								2.1	6.6
SSE	.5	1.3	.7									2.6	5.5
S	1.2	1.3	1.2	.5								4.3	6.3
SSW	1.7	1.8	1.8	.9	.2							5.7	7.2
SW	.9	2.6	7.7	2.8	.2							14.1	8.6
WSW	1.3	2.4	3.7	2.9	.7	.2						11.3	9.2
W	1.0	2.2	3.8	3.9	.6	1.3						12.8	11.2
WNW	.0	1.7	2.8	1.7	.1							7.2	8.2
NW	.5	2.1	1.6	1.3								5.5	7.8
NNW	.4	2.1	.5									2.9	5.2
VARBL			5.0	3.9	.6	.2						9.8	11.6
CALM												9.8	
	10.5	22.9	34.0	20.0	3.0	1.8						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 820

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 75951 RODGE RIF HK STATION NAME 73-74-76-82 YEARS DEC
MONTH ALL
CLAS ALL WEATHER
COND ALL
HOURS (L & T) ALL

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.3	1.3	.1	.0							3.3	5.5
NNE	.3	.7	.6	.1	.0							1.7	6.2
NE	.1	.2	.6	.3	.0	.3	.7					1.3	10.6
ENE	.1	.4	.7	.5	.1	.1	.7					1.8	10.0
E	.6	.8	1.4	.5								3.3	7.3
ESE	.5	.7	.8	.3	.1							2.3	7.7
SE	.5	.8	.7	.2								2.1	5.8
SSE	.5	1.7	.5	.1								2.7	5.7
S	1.2	2.2	1.2	.3	.1							4.9	5.8
SSW	1.7	2.4	2.9	1.4	.1							7.8	7.6
SW	.9	2.9	4.7	2.5	.3		.7	.0				11.4	8.6
WSW	1.0	2.0	4.1	3.8	.6	.2		.0				11.7	9.8
W	.6	2.5	4.0	5.6	1.2	.8	.0					18.7	11.2
WNW	.5	1.6	2.4	1.6	.2	.7						6.3	8.8
NW	.5	1.1	1.7	1.1	.0							4.5	8.2
NNW	.6	1.4	1.1	.3								3.4	6.3
VARBL		.0	4.6	4.1	.6	.3	.7					9.8	11.9
CALM												7.4	
	10.0	21.8	32.8	22.8	3.5	1.5	.1	.0				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 6385

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 35951 WOODBRIDGE RAF UK YEARS 73-83 MONTHS ALL
STATION NAME WOODBRIDGE RAF UK CLASS ALL WEATHER HOURS (L & T) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.6	1.9	.4	.2	.2						6.5	5.9
NNE	.6	1.3	1.4	.5	.2	.2						3.3	6.9
NE	.4	.9	1.4	1.7	.1	.2						3.3	8.7
ENE	.4	.3	1.1	.9	.1	.2	.2					3.5	8.6
E	.9	1.4	1.3	.6	.2	.2	.2					4.1	6.9
ESE	.8	1.0	.5	.1	.2							2.3	5.2
SE	.9	.5	.3	.1	.2							2.0	4.7
SSE	.8	1.0	.3	.2	.2							2.2	4.6
S	1.7	2.7	1.4	.3	.2							6.2	5.5
SSW	1.3	2.4	2.7	1.0	.1	.2						7.5	7.3
SW	1.2	2.7	3.3	1.5	.1	.2	.2	.2				8.8	7.6
WSW	1.1	2.0	3.0	1.7	.3	.2	.2	.2				8.1	8.3
W	.8	2.0	3.1	2.6	.6	.2	.2	.2	.2			9.4	9.6
WNW	.7	1.6	1.7	.8	.1	.2	.2	.2				5.1	7.7
NW	.9	1.5	1.3	.4	.2	.2	.2					4.1	6.5
NNW	.9	1.5	1.7	.2	.2	.2						3.6	5.7
VARBL	.0	.1	5.2	2.7	.3	.1	.2					8.9	10.5
CALM												10.6	
	14.7	26.3	31.0	15.0	1.9	.5	.1	.2	.2			102.0	6.7

TOTAL NUMBER OF OBSERVATIONS 82368

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 35251 00082106 RAF UK YEARS 71-83 ALL
STATION NAME 00082106 HOURS (L & T) ALL
INSTRUMENT CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE.
CLASS AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	3.2	2.1	.4	.7							2.2	5.7
NNE	.8	1.8	2.7	.6	.7	.7						5.2	6.9
NE	.6	1.2	2.1	1.2	.3	.1						5.3	8.3
ENE	.7	1.1	1.2	.7	.0	.7						3.7	7.3
E	1.3	1.6	1.6	.4	.7	.7						5.1	6.1
ESE	1.0	1.1	.7	.1	.7							2.9	5.3
SE	1.1	1.2	.5	.1	.7							3.0	4.8
SSE	.9	1.3	.5	.1								2.8	4.9
S	2.1	2.8	1.4	.4	.1							6.7	5.5
SSW	1.2	2.1	2.7	1.4	.1							7.5	7.5
SW	1.4	2.5	2.3	1.3	.1							7.6	7.1
WSW	1.1	1.5	1.6	.4	.1	.7						4.7	6.4
W	.9	1.5	1.5	.8	.1	.7	.0					4.8	7.9
WNW	.6	1.6	1.2	.3	.7	.7						3.7	6.9
NW	.8	1.4	1.1	.2	.0							3.5	5.9
NNW	1.2	1.6	1.0	.1	.0							3.8	5.3
VARBL	.7	.7	3.5	2.2	.3	.1						6.0	11.0
CALM												15.9	
	17.6	27.5	27.0	10.8	1.1	.7	.0					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 15671

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the ≥ 10 mi visibility category should be used with great caution.

(Continued on Reverse Side)

EXAMPLE. FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	≥ 0
NO CEILING																
N 1800																
N 1500					91.0											92.6
N 1200																
N 1000																
N 900																
N 800																
N 700																
N 600																
N 500										97.4						98.1
N 400																
N 300																
N 200																
N 100					95.4		96.9			98.3						100.0
N 0																

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE / MAC

CEILING VERSUS VISIBILITY

75251 3008RIDGE RAF LK

74-75,77-87

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

000-0200

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)																			
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115
1000	18.2	22.9	26.4	29.2	31.4	31.6	34.1	34.2	34.6	35.7	35.9	36.1	36.1	36.7	36.6	36.6	36.6	36.6	36.6	36.6
900	19.8	24.5	28.7	31.5	32.0	34.1	36.7	37.1	37.4	38.8	39.1	39.2	39.2	39.3	39.7	39.7	39.7	39.7	39.7	39.7
800	19.9	24.6	28.1	31.5	34.7	34.2	36.8	37.1	37.5	38.9	39.2	39.3	39.3	39.5	39.8	39.8	39.8	39.8	39.8	39.8
700	19.9	24.6	28.1	31.6	34.7	34.2	36.8	37.1	37.5	38.9	39.2	39.3	39.3	39.5	39.8	39.8	39.8	39.8	39.8	39.8
600	19.9	24.6	28.1	31.6	34.7	34.2	36.8	37.1	37.5	38.9	39.2	39.3	39.3	39.5	39.8	39.8	39.8	39.8	39.8	39.8
500	20.3	25.0	28.5	32.0	34.4	34.6	37.2	37.5	37.9	39.3	39.6	39.7	39.7	39.8	40.2	40.2	40.2	40.2	40.2	40.2
400	20.7	25.5	29.7	32.7	35.7	35.3	37.9	38.5	38.9	40.4	40.6	40.8	40.8	40.9	41.3	41.3	41.3	41.3	41.3	41.3
300	22.3	25.7	29.2	32.6	35.3	35.7	38.3	38.9	39.3	40.8	41.1	41.1	41.1	41.1	41.7	41.7	41.7	41.7	41.7	41.7
200	23.7	29.7	33.6	37.6	40.4	40.8	43.4	44.0	44.4	45.8	46.1	46.2	46.2	46.4	46.7	46.7	46.7	46.7	46.7	46.7
100	24.7	31.9	34.9	39.1	41.8	42.2	44.8	45.4	45.8	47.3	47.5	47.7	47.7	47.8	48.2	48.2	48.2	48.2	48.2	48.2
000	24.9	31.9	35.7	39.2	41.9	42.3	44.9	45.6	46.1	47.4	47.7	47.8	47.8	47.9	48.3	48.3	48.3	48.3	48.3	48.3
000	26.2	32.8	37.0	42.6	45.7	46.1	48.8	49.5	49.9	51.3	51.6	51.7	51.7	51.8	52.2	52.2	52.2	52.2	52.2	52.2
000	26.7	32.9	37.1	42.7	45.8	46.2	49.3	50.0	50.4	51.8	52.1	52.2	52.2	52.3	52.7	52.7	52.7	52.7	52.7	52.7
000	28.4	36.6	40.3	47.5	51.2	52.7	55.3	56.0	56.3	58.2	58.5	58.6	58.6	58.6	59.1	59.1	59.1	59.1	59.1	59.1
000	29.7	39.7	44.3	51.2	54.9	55.7	59.7	60.0	60.8	62.2	62.5	62.6	62.6	62.8	63.7	63.7	63.7	63.7	63.7	63.7
000	34.9	45.4	57.3	57.8	62.0	62.8	66.7	68.1	69.0	70.4	70.7	70.8	70.8	71.1	71.4	71.4	71.4	71.4	71.4	71.4
000	35.9	46.5	51.7	59.5	63.8	64.7	68.9	70.3	71.2	72.7	72.9	73.0	73.0	73.3	73.6	73.6	73.6	73.6	73.6	73.6
000	37.7	48.0	52.0	62.5	69.2	69.3	74.3	76.2	77.1	78.6	78.9	79.0	79.0	79.2	79.6	79.6	79.6	79.6	79.6	79.6
000	37.2	48.4	53.3	63.4	69.1	70.2	75.4	77.2	78.1	79.7	79.9	80.1	80.1	80.2	80.6	80.6	80.6	80.6	80.6	80.6
000	38.7	49.9	54.6	65.6	71.7	72.9	79.1	79.9	80.9	82.4	82.7	82.8	82.8	82.9	83.3	83.3	83.3	83.3	83.3	83.3
000	38.4	50.5	56.1	68.9	75.5	76.8	82.2	84.1	85.1	86.6	86.8	87.0	87.0	87.1	87.5	87.5	87.5	87.5	87.5	87.5
000	38.5	50.7	56.3	69.5	76.3	77.6	83.1	85.2	86.1	87.6	87.9	88.0	88.0	88.2	88.5	88.5	88.5	88.5	88.5	88.5
000	38.5	50.8	56.4	69.7	76.7	78.1	84.7	86.3	87.2	88.5	89.1	89.2	89.2	89.3	89.7	89.7	89.7	89.7	89.7	89.7
000	38.7	50.9	56.5	70.1	77.1	78.4	84.5	86.8	87.8	89.3	89.6	89.7	89.7	89.8	90.2	90.2	90.2	90.2	90.2	90.2
000	38.7	51.0	56.6	70.6	78.0	79.3	85.8	88.2	89.1	90.6	90.9	91.0	91.0	91.1	91.5	91.5	91.5	91.5	91.5	91.5
000	38.7	51.1	56.6	71.0	78.4	79.7	86.5	89.1	90.0	91.5	91.8	91.9	91.9	92.0	92.4	92.4	92.4	92.4	92.4	92.4
000	38.7	51.2	56.8	71.5	79.0	80.5	87.6	90.6	91.5	93.1	93.4	93.5	93.5	93.6	94.0	94.0	94.0	94.0	94.0	94.0
000	38.8	51.2	56.8	71.7	79.4	80.9	88.2	91.1	92.4	94.3	94.5	94.7	94.7	94.8	95.2	95.2	95.2	95.2	95.2	95.2
000	38.8	51.2	56.9	71.7	79.4	81.0	88.4	91.4	92.8	95.4	96.0	96.1	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5
000	38.8	51.2	56.9	71.7	79.4	81.0	88.4	91.5	93.0	96.0	96.7	96.9	96.9	97.1	97.5	97.5	97.5	97.5	97.5	97.5
000	38.8	51.2	56.9	71.7	79.4	81.0	88.4	91.5	93.0	96.0	96.7	96.9	96.9	97.3	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS 768

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

075951 WOODBRIDGE RAF UK

74-75, 77-87

1A1

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-0500

CEILING FEET	VISIBILITY STATUTE MILES OR (THOUSANDS OF METERS)																			
	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150
10000	27.0	23.2	25.5	29.0	31.3	31.4	32.7	33.1	33.5	34.3	34.7	34.5	34.7	35.2	35.2	35.2	35.2	35.2	35.2	35.2
9000	21.1	24.7	27.1	30.6	33.3	33.5	35.1	35.2	35.8	36.6	36.6	37.0	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2
8000	21.2	24.8	27.3	30.8	33.5	33.6	35.2	35.4	35.9	36.7	36.7	37.1	37.2	37.8	37.8	37.8	37.8	37.8	37.8	37.8
7000	21.2	24.6	27.2	30.8	33.5	33.6	35.2	35.4	35.9	36.7	36.7	37.1	37.2	37.8	37.8	37.8	37.8	37.8	37.8	37.8
6000	21.3	25.7	27.4	30.9	33.6	33.7	35.4	35.5	36.7	36.8	36.8	37.2	37.4	37.9	37.9	37.9	37.9	37.9	37.9	37.9
5000	21.9	25.5	27.9	31.4	34.1	34.3	35.8	36.1	36.6	37.4	37.4	37.8	37.9	38.5	38.5	38.5	38.5	38.5	38.5	38.5
4000	22.5	26.3	29.7	32.7	36.0	36.3	39.3	39.5	39.7	39.8	39.8	40.2	40.4	40.9	40.9	40.9	40.9	40.9	40.9	40.9
3000	22.8	26.6	29.7	32.9	36.3	36.6	39.9	39.9	39.5	40.4	40.4	40.8	40.9	41.4	41.4	41.4	41.4	41.4	41.4	41.4
2000	25.6	30.1	32.9	37.8	41.4	41.7	44.7	44.3	44.8	45.6	45.6	46.0	46.2	46.7	46.7	46.7	46.7	46.7	46.7	46.7
1000	26.5	31.2	34.7	39.0	42.6	42.9	45.7	45.5	46.7	46.8	46.8	47.2	47.4	47.9	47.9	47.9	47.9	47.9	47.9	47.9
500	26.5	31.2	34.7	39.0	42.6	42.9	45.7	45.5	46.7	46.8	46.8	47.2	47.4	47.9	47.9	47.9	47.9	47.9	47.9	47.9
400	28.1	33.2	36.7	42.0	46.3	46.7	49.7	49.5	50.1	50.9	50.9	51.3	51.4	52.0	52.0	52.0	52.0	52.0	52.0	52.0
300	28.1	33.6	36.4	42.5	46.8	47.2	49.8	50.1	50.6	51.4	51.4	51.8	52.0	52.5	52.5	52.5	52.5	52.5	52.5	52.5
200	30.5	36.6	39.8	46.4	51.4	51.8	54.7	54.9	55.9	56.7	56.7	57.1	57.2	57.9	57.9	57.9	57.9	57.9	57.9	57.9
100	31.6	39.7	42.9	50.2	55.2	55.6	58.4	58.7	59.6	60.5	60.5	60.9	61.0	61.7	61.7	61.7	61.7	61.7	61.7	61.7
50	35.6	44.3	47.8	55.5	61.7	61.1	64.7	64.6	65.6	66.4	66.4	66.8	66.9	67.6	67.6	67.6	67.6	67.6	67.6	67.6
25	36.7	44.7	48.2	56.5	62.6	63.0	66.7	66.8	67.7	68.6	68.6	69.0	69.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8
10	38.2	47.9	51.6	61.4	68.2	68.7	71.9	72.7	73.7	74.9	74.9	75.3	75.4	76.1	76.1	76.1	76.1	76.1	76.1	76.1
5	38.6	48.4	52.2	62.6	69.4	69.9	73.1	74.1	74.9	76.1	76.1	76.5	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3
2	39.7	50.2	54.7	65.7	72.7	73.3	77.2	78.1	79.2	80.4	80.4	80.8	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6
1	39.9	50.9	55.9	69.2	76.7	77.2	81.6	82.7	83.8	85.0	85.0	85.3	85.4	85.6	86.2	86.2	86.2	86.2	86.2	86.2
0.5	40.2	51.3	56.4	71.0	78.8	79.4	83.9	85.0	86.1	87.3	87.3	87.7	87.9	88.5	88.5	88.5	88.5	88.5	88.5	88.5
0.2	40.2	51.3	56.4	71.0	78.8	79.4	83.9	85.2	86.2	87.4	87.4	87.9	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7
0.1	40.2	51.3	56.4	71.4	79.4	79.9	84.5	85.7	86.8	88.0	88.0	88.4	88.5	89.2	89.2	89.2	89.2	89.2	89.2	89.2
0.05	40.2	51.3	56.4	71.5	80.7	80.7	85.6	86.9	88.0	89.2	89.2	89.6	89.7	90.4	90.4	90.4	90.4	90.4	90.4	90.4
0.02	40.2	51.3	56.5	71.7	80.3	81.1	86.1	87.6	88.9	90.1	90.1	90.6	90.7	91.4	91.4	91.4	91.4	91.4	91.4	91.4
0.01	40.2	51.3	56.5	72.3	81.1	81.9	87.3	89.5	91.0	92.4	92.4	92.8	93.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7
0.005	40.2	51.3	56.5	72.3	81.1	82.1	87.4	89.6	91.2	92.8	92.8	93.3	93.4	94.1	94.1	94.1	94.1	94.1	94.1	94.1
0.002	40.2	51.3	56.5	72.3	81.1	82.1	87.9	90.0	91.4	93.8	93.8	94.3	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1
0.001	40.2	51.3	56.5	72.3	81.1	82.1	88.3	90.6	92.6	95.3	95.3	96.0	96.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0.0005	40.2	51.3	56.5	72.3	81.1	82.1	88.3	90.6	92.6	95.3	95.3	96.0	96.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0.0002	40.2	51.3	56.5	72.3	81.1	82.1	88.3	90.6	92.6	95.3	95.3	96.0	96.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0.0001	40.2	51.3	56.5	72.3	81.1	82.1	88.3	90.6	92.6	95.3	95.3	96.0	96.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS 781

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7951 WOODBRIDGE PAF UK

74-75, 77-87

JA1

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

660-600

CEILING FEET	VISIBILITY: STATUTE MILES OR (IN NUMBERS OF METERS)																			
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8
1500	15.7	19.5	22.1	24.8	27.2	27.3	28.6	29.2	30.3	30.8	30.8	31.0	31.7	31.2	31.3	31.4				
1400	17.9	22.6	25.5	28.6	32.0	32.1	33.5	34.4	35.4	36.1	36.1	36.4	36.4	36.6	36.7	36.9				
1300	18.7	22.8	25.6	28.8	32.7	32.3	33.9	34.7	35.7	36.4	36.4	36.6	36.6	36.9	37.1	37.1				
1200	18.7	22.9	25.7	29.0	32.3	32.5	34.7	34.8	35.8	36.5	36.7	36.7	36.7	37.2	37.1	37.3				
1100	18.4	23.3	25.1	29.4	32.7	32.9	34.4	35.2	36.7	36.9	36.9	37.1	37.1	37.4	37.5	37.6				
1000	18.5	23.4	26.3	29.5	32.9	33.0	34.5	35.3	36.4	37.0	37.0	37.3	37.3	37.5	37.6	37.8				
900	19.4	24.3	27.4	31.0	34.7	35.1	36.7	37.9	38.9	39.6	39.6	39.8	39.8	40.1	40.2	40.4				
800	19.9	24.8	28.1	31.7	35.3	35.7	37.4	38.6	39.6	40.2	40.2	40.5	40.5	40.9	41.1	41.1				
700	22.4	27.9	32.1	36.2	40.2	40.8	42.5	43.7	44.8	45.4	45.4	45.7	45.7	46.1	46.2	46.3				
600	22.9	28.6	32.7	37.1	41.1	41.7	43.5	44.6	45.8	46.4	46.4	46.7	46.7	47.1	47.2	47.3				
500	22.9	28.6	32.7	37.1	41.1	41.7	43.5	44.6	45.8	46.4	46.4	46.7	46.7	47.1	47.2	47.3				
400	24.5	30.8	34.9	39.6	43.6	44.2	46.1	47.2	48.4	49.7	49.7	49.4	49.4	49.9	50.1	50.2				
300	25.1	31.6	35.8	40.5	44.5	45.1	47.1	48.3	49.4	50.2	50.3	50.6	50.6	51.1	51.2	51.4				
200	27.7	35.2	39.7	44.9	49.3	50.1	52.1	53.3	54.6	55.4	55.5	55.8	55.8	56.3	56.4	56.5				
100	29.5	38.3	42.9	49.2	53.8	54.7	56.9	58.2	59.5	60.3	60.4	60.7	60.7	61.2	61.4	61.6				
0	34.7	43.5	48.1	54.7	60.5	61.6	63.9	65.6	67.0	67.9	67.9	68.2	68.2	68.7	69.0	69.1				
1500	34.4	43.9	48.5	55.4	61.3	62.4	64.7	66.5	67.9	68.7	68.8	69.1	69.1	69.6	69.9	70.0				
1400	36.1	46.1	51.2	59.9	66.0	67.0	69.6	71.5	73.7	73.7	73.9	74.1	74.1	74.6	74.9	75.0				
1300	36.1	46.1	51.2	60.3	66.4	67.4	70.0	72.1	73.5	74.3	74.4	74.6	74.6	75.2	75.4	75.5				
1200	37.3	47.7	53.2	62.6	69.6	70.6	73.5	75.5	77.7	77.7	77.9	78.1	78.1	78.7	78.9	79.0				
1100	38.0	48.9	54.9	66.1	73.5	74.5	77.4	79.6	81.7	81.9	82.7	82.3	82.3	82.8	83.1	83.2				
1000	38.3	49.4	55.5	67.9	75.7	77.1	80.2	82.4	83.8	85.0	85.1	85.4	85.4	85.9	86.2	86.3				
900	38.4	49.5	55.6	68.3	76.1	77.5	80.6	82.9	84.3	85.5	85.6	85.9	85.9	86.4	86.7	86.8				
800	38.6	49.8	55.9	68.7	76.7	78.1	81.5	83.8	85.3	86.4	86.5	86.8	86.8	87.3	87.7	87.8				
700	38.6	50.1	56.4	69.6	77.7	79.2	82.5	84.9	86.3	87.6	87.8	88.1	88.1	88.6	89.0	89.1				
600	38.6	50.1	56.4	70.0	78.3	79.7	83.4	85.8	87.2	88.5	88.9	89.3	89.4	89.9	90.3	90.4				
500	38.6	50.1	56.7	70.2	79.0	80.5	84.5	87.6	89.1	90.7	91.6	92.0	92.2	92.8	93.1	93.3				
400	38.6	50.1	56.7	70.2	79.0	80.5	84.5	87.7	89.9	91.7	92.6	93.0	93.3	93.8	94.2	94.3				
300	38.6	50.1	56.7	70.2	79.0	80.5	84.6	88.0	90.7	92.5	93.4	93.8	94.0	95.0	95.3	95.6				
200	38.6	50.1	56.7	70.2	79.0	80.5	84.7	88.1	91.1	93.1	94.2	94.7	95.3	96.2	97.0	97.8				
100	38.6	50.1	56.7	70.2	79.0	80.5	84.7	88.1	91.1	93.1	94.4	95.2	95.9	96.9	98.1	99.9				
0	38.6	50.1	56.7	70.2	79.0	80.5	84.7	88.1	91.1	93.1	94.4	95.2	95.9	96.9	98.2	100.0				

TOTAL NUMBER OF OBSERVATIONS 773

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 125901 WOODBRIDGE RAF, UK

74-75, 77-87

1A1

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

250-1100

CEILING FEET	VISIBILITY: STATUTE MILES																			
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8
NO. THINGS	GT90	EC90	GE80	GE60	GE48	GE47	GE32	GE24	GE22	GE16	GE12	GE10	GE8	GE5	GE34	GE2				
2 20000	12.1	16.2	17.6	20.9	23.1	23.1	23.9	24.9	25.1	25.2	25.4	25.5	25.7	25.8	25.9					
2 18000	14.4	19.2	20.2	25.2	27.6	27.6	29.7	30.2	30.5	30.7	30.7	30.8	31.1	31.2	31.4					
2 16000	14.5	19.4	21.1	25.5	28.1	28.1	29.6	30.7	30.8	31.1	31.7	31.3	31.4	31.7	31.9	32.0				
2 14000	14.7	19.7	21.3	25.8	28.3	28.3	29.9	30.9	31.1	31.7	31.5	31.5	31.7	31.9	32.0	32.3				
2 12000	14.9	19.8	21.5	25.9	28.4	28.4	30.7	31.1	31.2	31.4	31.7	31.7	31.9	32.0	32.1	32.4				
2 10000	15.5	20.6	22.3	26.9	29.4	29.4	31.9	32.0	32.1	32.4	32.6	32.6	32.7	33.0	33.1	33.3				
2 8000	16.6	22.1	23.9	28.7	31.2	31.2	32.7	33.9	34.1	34.3	34.5	34.5	34.7	34.9	35.0	35.3				
2 6000	17.4	22.8	24.9	29.9	32.4	32.4	34.1	35.3	35.4	35.6	35.9	35.9	36.0	36.2	36.3	36.6				
2 4000	20.6	26.9	29.3	34.7	38.4	38.5	40.2	41.4	41.5	41.8	42.2	42.2	42.3	42.7	42.8	43.0				
2 2000	21.2	27.7	30.1	35.5	39.2	39.3	41.7	42.2	42.3	42.7	43.0	43.0	43.2	43.5	43.6	43.9				
2 1000	21.3	27.9	31.5	35.9	39.6	39.7	41.4	42.6	42.7	43.0	43.4	43.4	43.5	43.9	44.0	44.2				
2 500	21.9	29.1	31.7	37.4	41.5	41.6	43.4	44.6	44.7	45.1	45.7	45.7	45.8	46.2	46.3	46.5				
2 450	22.5	29.7	32.6	38.5	42.8	43.4	45.2	46.5	46.8	47.4	47.7	47.7	47.9	48.2	48.3	48.6				
2 400	24.7	32.5	36.2	43.2	48.1	48.7	50.5	51.8	52.0	53.0	53.4	53.4	53.5	54.0	54.1	54.4				
2 3500	27.1	35.4	39.4	46.5	51.9	52.6	54.9	56.2	56.5	57.6	57.9	57.9	58.0	58.5	58.6	59.0				
2 3000	30.9	41.0	45.6	53.1	59.2	60.7	62.4	63.9	64.1	65.3	65.7	65.8	65.9	66.4	66.5	66.9				
2 2500	31.1	41.4	46.5	54.4	60.7	61.4	63.9	65.5	65.8	67.1	67.5	67.6	67.7	68.2	68.3	68.7				
2 2000	32.5	42.9	49.6	57.6	64.3	65.7	67.7	69.9	70.3	71.6	71.9	72.1	72.2	72.7	72.8	73.1				
2 1800	32.7	43.2	49.7	58.2	64.9	65.6	68.5	70.6	71.0	72.3	72.7	72.8	72.9	73.4	73.5	73.9				
2 1500	33.9	45.0	51.1	61.3	68.2	68.9	72.1	74.2	74.7	76.1	76.5	76.6	76.9	77.3	77.5	77.8				
2 1200	34.3	45.8	52.8	63.4	71.7	72.7	75.8	78.3	78.9	80.6	80.9	81.1	81.3	81.9	82.0	82.4				
2 1000	34.3	45.9	53.2	64.0	72.4	73.4	76.6	79.3	80.0	81.9	82.3	82.4	82.6	83.2	83.3	83.7				
2 900	34.4	46.2	54.0	65.6	74.1	75.2	78.4	81.1	81.9	83.8	84.2	84.3	84.5	85.1	85.3	85.6				
2 800	34.4	46.4	54.3	66.5	75.4	76.6	79.9	82.7	83.6	85.7	86.1	86.2	86.5	87.1	87.2	87.5				
2 700	34.4	46.5	54.7	67.4	76.4	77.6	80.9	83.8	84.7	86.8	87.2	87.5	88.0	88.6	88.7	89.1				
2 600	34.4	46.6	54.8	67.6	76.6	77.8	81.2	84.2	85.0	87.5	88.1	88.6	89.1	89.7	89.8	90.2				
2 500	34.5	46.8	54.9	68.1	77.5	78.7	82.0	85.4	86.5	89.6	90.2	90.9	91.5	92.3	92.4	92.8				
2 400	34.5	46.8	54.9	68.1	77.9	79.1	82.7	86.6	87.9	91.6	92.2	93.0	93.6	94.5	94.6	95.0				
2 300	34.5	46.8	55.0	68.2	78.1	79.3	83.0	87.1	88.7	93.2	94.0	95.0	95.7	96.6	96.9	97.4				
2 200	34.5	46.8	55.0	68.2	78.1	79.3	83.0	87.2	89.0	93.6	94.6	95.8	96.6	97.8	98.1	99.9				
2 100	34.5	46.8	55.0	68.2	78.1	79.3	83.0	87.2	89.0	93.6	94.6	95.8	96.6	98.0	98.2	100.0				
2 0	34.5	46.8	55.0	68.2	78.1	79.3	83.0	87.2	89.0	93.6	94.6	95.8	96.6	98.0	98.2	100.0				

TOTAL NUMBER OF OBSERVATIONS 138

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 735951 WOODBRIDGE RAF UK

74-75, 77-87

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1222-1400

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	210	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CEILING	GT93	EQ93	GE98	GE66	GE48	GE40	GE32	GE24	GE20	GE16	GE12	GE10	GE08	GE05	GE04	GE01
2 20000	13.3	17.0	18.2	23.5	24.7	25.1	25.2	26.1	26.1	26.2	26.2	26.2	26.2	26.2	26.3	26.4
2 18000	16.6	21.2	23.7	28.6	37.4	31.1	32.2	32.4	32.4	32.5	32.5	32.5	32.5	32.7	32.8	32.9
2 16000	16.6	21.4	23.2	28.7	37.5	31.2	32.3	32.5	32.5	32.7	32.7	32.7	32.7	32.8	32.9	33.0
2 14000	16.8	21.7	23.5	29.1	30.9	31.6	32.7	32.9	32.9	33.7	33.7	33.7	33.7	33.8	33.9	34.0
2 12000	17.4	22.4	24.2	37.0	31.8	32.5	33.6	33.9	33.9	34.0	34.7	34.7	34.7	34.7	34.7	34.7
2 10000	18.5	23.6	25.6	31.5	33.5	34.2	35.3	35.5	35.5	35.7	35.7	35.7	35.7	35.8	35.9	36.0
2 9000	19.2	24.5	26.4	32.5	34.9	35.8	36.9	37.1	37.1	37.2	37.2	37.2	37.2	37.3	37.5	37.6
2 8000	21.6	28.3	37.5	38.7	41.5	42.4	43.5	43.8	43.8	44.1	44.1	44.1	44.1	44.2	44.3	44.4
2 7000	22.7	29.1	31.2	39.7	42.6	43.5	44.5	44.9	44.9	45.1	45.1	45.1	45.1	45.3	45.4	45.5
2 6000	22.0	29.1	31.2	39.9	42.9	43.7	44.8	45.1	45.1	45.4	45.4	45.4	45.4	45.5	45.6	45.7
2 5000	23.2	30.5	32.7	41.5	44.5	45.4	46.5	46.8	46.8	47.1	47.1	47.1	47.1	47.2	47.3	47.4
2 4500	23.5	31.7	33.4	43.0	46.7	46.8	48.7	48.4	48.4	48.6	48.6	48.6	48.6	48.7	48.9	49.0
2 4000	26.4	34.6	38.2	48.7	52.0	52.9	54.4	54.9	54.9	55.3	55.3	55.3	55.3	55.5	55.6	55.7
2 3500	29.1	38.3	42.1	52.8	56.9	57.9	59.4	59.9	60.7	60.7	60.7	60.7	60.7	60.9	61.7	61.1
2 3000	32.8	43.1	47.9	58.9	63.5	64.5	66.7	67.2	67.6	68.4	68.4	68.5	68.5	68.7	68.9	69.0
2 2500	32.9	43.6	48.6	67.0	64.8	65.8	67.5	68.7	69.7	69.9	69.9	70.0	70.0	70.1	70.3	70.5
2 2000	35.4	46.8	52.3	64.7	69.7	70.7	72.4	73.6	73.9	74.8	74.8	74.9	74.9	75.7	75.3	75.4
2 1800	35.4	47.2	53.2	65.9	71.3	72.3	74.1	75.3	75.6	76.5	76.5	76.6	76.6	76.7	77.7	77.1
2 1500	35.5	47.9	54.5	67.7	73.3	74.3	76.1	77.4	77.8	78.8	78.8	78.9	78.9	79.0	79.2	79.4
2 1200	36.1	48.9	56.1	70.1	77.0	78.0	80.0	81.3	81.6	82.6	82.6	82.7	82.7	83.7	83.2	83.3
2 1000	36.3	49.1	56.4	71.9	79.6	80.7	82.7	84.4	84.8	85.8	85.8	86.0	86.0	86.9	86.7	87.0
2 900	36.3	49.1	56.5	72.0	79.7	80.8	82.8	84.5	84.9	86.0	86.0	86.1	86.2	86.7	86.9	87.3
2 800	36.4	49.3	56.9	72.7	81.0	82.1	84.4	86.1	86.4	87.5	87.6	87.8	87.8	88.2	88.5	88.8
2 700	36.4	49.5	57.4	73.6	82.2	83.3	86.1	87.9	88.2	89.7	90.0	90.2	90.2	90.6	90.9	91.2
2 600	36.4	49.5	57.4	73.8	82.6	83.8	86.2	88.8	89.3	90.9	91.2	91.4	91.4	91.8	92.1	92.4
2 500	36.4	49.6	57.5	74.1	82.8	84.4	87.5	89.9	90.4	92.6	92.9	93.3	93.3	93.8	94.1	94.5
2 400	36.4	49.6	57.5	74.1	83.1	84.8	88.4	91.1	91.7	94.5	94.8	95.3	95.6	96.7	96.4	96.8
2 300	36.4	49.6	57.5	74.1	83.1	84.8	88.5	91.4	92.2	95.2	95.8	96.3	96.5	97.0	97.4	98.0
2 200	36.4	49.6	57.5	74.1	83.1	84.8	88.5	91.6	92.4	95.7	96.4	97.1	97.4	98.0	98.7	99.5
2 100	36.4	49.7	57.6	74.2	83.2	84.9	88.6	91.7	92.6	95.8	96.5	97.2	97.5	98.1	98.8	100.0
2 0	36.4	49.7	57.6	74.2	83.2	84.9	88.6	91.7	92.6	95.8	96.5	97.2	97.5	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 833

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35951 WOODBRIDGE RAF UK

74-75.77-82

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15.0-17.00

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	210	20	25	24	23	22	22	21	21	21	21	21	21	21	21	20
NO CEILING	13.2	17.2	17.9	22.9	24.5	24.5	25.2	25.5	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8
2 20000	16.9	21.6	23.3	29.3	31.6	31.8	32.9	33.1	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5
2 18000	17.2	21.8	23.5	29.5	31.8	32.1	33.0	33.4	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7
2 16000	17.2	21.8	23.5	29.5	31.8	32.1	33.0	33.4	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7
2 14000	17.2	22.3	23.6	29.7	31.9	32.2	33.1	33.5	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9
2 12000	17.6	22.6	24.2	30.3	32.5	32.9	33.7	34.1	34.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5
2 10000	18.1	23.2	25.1	31.3	33.6	33.9	34.8	35.2	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5
2 9000	18.5	23.8	25.7	31.9	34.2	34.5	35.7	36.0	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4
2 8000	20.9	26.9	29.3	36.5	39.4	39.6	41.8	41.2	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5
2 7000	21.6	28.3	30.7	38.1	41.2	41.4	42.6	43.1	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5
2 6000	21.7	28.5	30.9	38.2	41.3	41.5	42.7	43.2	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6
2 5000	23.2	30.3	33.1	41.7	43.8	44.1	45.3	45.7	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1
2 4500	23.3	30.9	33.7	42.1	45.4	45.6	47.1	47.5	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9
2 4000	25.9	34.3	37.6	46.6	50.2	50.4	51.9	52.6	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4
2 3500	28.9	38.7	42.4	52.0	56.2	56.5	58.1	59.3	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1
2 3000	32.5	44.3	48.6	59.3	63.9	64.2	65.8	67.2	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1
2 2500	32.7	44.4	49.7	59.9	64.7	65.1	66.7	68.2	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0
2 2000	33.9	46.5	51.4	64.1	69.5	69.9	71.9	73.3	73.8	74.4	74.4	74.4	74.4	74.4	74.4	74.4
2 1800	34.1	46.8	51.7	64.9	70.5	70.8	73.7	74.4	74.9	75.5	75.5	75.5	75.5	75.5	75.5	75.5
2 1600	34.2	47.2	52.5	66.6	72.9	73.2	75.5	77.3	78.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6
2 1400	34.6	48.0	53.9	70.2	77.1	77.4	79.8	82.0	82.8	83.7	83.7	83.7	83.7	83.7	83.7	83.7
2 1200	34.8	48.3	54.4	71.7	79.0	79.5	82.2	84.5	85.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
2 1000	34.8	48.3	54.4	71.8	79.4	79.8	82.6	84.9	86.0	87.3	87.4	87.4	87.4	87.4	87.4	87.4
2 900	34.8	48.3	54.4	72.5	80.3	80.8	83.7	86.0	87.2	88.6	88.7	88.7	88.7	88.7	88.7	88.7
2 800	34.9	48.5	54.7	73.0	81.5	81.5	84.6	87.0	88.2	89.8	89.9	89.9	89.9	90.0	90.0	90.0
2 700	35.1	48.6	54.9	73.2	81.5	82.1	85.2	87.8	89.0	90.8	90.9	90.9	90.9	91.0	91.0	91.0
2 600	35.2	48.7	55.0	73.5	81.9	82.5	86.1	89.2	90.6	92.9	93.0	93.0	93.0	93.3	93.3	93.3
2 500	35.2	48.7	55.0	73.6	82.1	82.7	86.7	90.3	91.7	94.1	94.4	94.5	94.6	94.8	94.8	95.1
2 400	35.2	48.7	55.0	73.6	82.1	82.7	86.7	90.3	91.7	94.1	94.4	94.5	94.6	94.8	94.8	95.1
2 300	35.2	48.7	55.0	73.6	82.1	82.7	86.7	90.3	91.7	94.1	94.4	94.5	94.6	94.8	94.8	95.1
2 200	35.2	48.7	55.0	73.6	82.1	82.7	86.7	90.3	91.7	94.1	94.4	94.5	94.6	94.8	94.8	95.1
2 100	35.2	48.7	55.0	73.6	82.1	82.7	86.7	90.3	91.7	94.1	94.4	94.5	94.6	94.8	94.8	95.1
2 0	35.2	48.7	55.0	73.6	82.1	82.7	86.7	90.3	91.7	94.1	94.4	94.5	94.6	94.8	94.8	95.1

TOTAL NUMBER OF OBSERVATIONS 833

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035951

WOODBRIDGE RAF UK

74-75, 77-87

1A5

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-0-0000

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
≥10000	17.1	20.5	21.7	26.9	28.3	28.7	28.8	29.1	29.6	30.2	30.2	30.2	30.3	30.3	30.3	30.3
≥8000	20.7	24.6	25.8	32.0	33.7	34.2	34.4	34.9	35.4	36.1	36.2	36.2	36.3	36.3	36.3	36.3
≥6000	20.7	24.7	25.9	32.1	33.8	34.3	34.5	35.0	35.5	36.1	36.1	36.1	36.2	36.2	36.2	36.2
≥4000	20.9	24.8	26.1	32.3	33.9	34.4	34.7	35.1	35.6	36.2	36.2	36.2	36.3	36.3	36.3	36.3
≥2000	21.2	25.4	26.7	33.0	34.7	35.1	35.4	35.9	36.3	36.9	36.9	36.9	36.9	37.1	37.1	37.1
≥1000	22.3	26.5	27.8	34.2	36.0	36.5	37.1	37.8	38.2	38.8	38.8	38.8	39.0	39.0	39.0	39.0
≥800	22.8	27.1	28.4	34.9	36.7	37.2	37.8	38.5	39.1	39.6	39.6	39.6	39.6	39.7	39.7	39.7
≥600	24.9	30.5	31.9	39.0	41.1	41.6	42.6	43.5	44.0	44.6	44.6	44.6	44.6	44.7	44.7	44.7
≥400	26.3	32.4	33.8	40.9	43.0	43.5	44.8	45.8	46.3	46.9	46.9	46.9	46.9	47.2	47.2	47.2
≥200	26.5	32.9	34.3	41.4	43.5	44.0	45.3	46.3	46.8	47.4	47.4	47.4	47.4	47.5	47.5	47.5
≥100	27.7	34.4	36.7	43.0	45.6	46.0	47.5	48.4	48.9	49.5	49.5	49.5	49.5	49.6	49.6	49.6
≥80	28.3	35.3	36.9	44.4	47.0	47.5	49.3	50.2	50.7	51.3	51.3	51.3	51.3	51.4	51.4	51.4
≥60	30.6	38.1	40.5	49.0	52.8	53.2	55.4	56.4	57.1	57.9	58.1	58.2	58.2	58.4	58.4	58.4
≥40	33.2	42.0	44.6	53.6	57.7	58.2	60.8	61.9	62.5	63.4	63.5	63.7	63.7	63.9	63.9	63.9
≥20	37.1	47.4	51.5	59.8	64.7	64.5	67.1	68.3	68.9	69.9	70.0	70.1	70.1	70.4	70.4	70.4
≥10	37.3	47.8	51.1	60.6	65.1	65.6	68.3	69.7	70.3	71.3	71.5	71.6	71.6	71.8	71.8	71.8
≥5	38.4	49.4	52.9	63.9	69.5	70.0	73.5	75.1	75.7	76.7	76.9	77.1	77.2	77.2	77.2	77.2
≥2	39.4	49.4	52.9	64.3	70.1	70.6	74.5	76.3	76.9	77.9	78.1	78.2	78.2	78.4	78.4	78.4
≥1	38.6	50.2	54.1	67.0	73.1	73.6	77.6	79.6	80.2	81.3	81.4	81.5	81.5	81.8	81.8	81.8
≥0.5	39.3	50.7	54.9	69.1	76.1	76.6	81.1	83.5	84.1	85.1	85.5	85.6	85.6	85.9	85.9	85.9
≥0.2	39.3	51.0	55.3	69.8	77.1	77.6	82.1	84.7	85.3	86.7	87.1	87.2	87.2	87.4	87.4	87.4
≥0.1	39.3	51.1	55.3	69.8	77.1	77.6	82.1	84.7	85.3	86.7	87.1	87.2	87.2	87.4	87.4	87.4
≥0.05	39.0	51.1	55.4	70.3	78.2	78.7	83.5	86.5	87.1	88.5	88.8	89.0	89.0	89.2	89.2	89.2
≥0.02	39.3	51.1	55.6	71.2	79.3	79.7	85.4	88.5	89.1	90.5	90.9	91.0	91.0	91.2	91.2	91.2
≥0.01	39.3	51.3	56.0	71.6	80.0	80.5	86.8	90.0	90.6	92.4	92.8	92.9	92.9	93.2	93.2	93.2
≥0.005	39.0	51.3	56.0	71.8	80.9	81.4	87.9	91.7	92.4	94.8	95.2	95.3	95.3	95.6	95.6	95.6
≥0.002	39.0	51.3	56.0	71.8	81.4	81.9	88.5	92.4	93.2	95.6	95.9	96.0	96.0	96.3	96.3	96.3
≥0.001	39.3	51.3	56.0	71.8	81.4	81.9	88.5	92.7	93.5	96.3	96.9	97.2	97.2	97.7	97.7	97.7
≥0.0005	39.0	51.3	56.0	71.8	81.4	81.9	88.5	92.7	93.8	96.8	97.5	98.0	98.1	98.8	98.9	98.9
≥0.0002	39.3	51.3	56.0	71.8	81.4	81.9	88.5	92.7	93.8	96.8	97.5	98.0	98.1	98.8	99.0	99.6
≥0.0001	39.3	51.3	56.0	71.8	81.4	81.9	88.5	92.7	93.8	96.8	97.5	98.0	98.1	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 839

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35051 WOODBRIDGE RAF UK

74-75.77-87

1A1

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

11.2-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO. CEILING ≥ 20000	GE19	FE99	GE87	GE63	GE48	GE37	GE32	GE24	GE2	GE16	GE12	GE10	GE08	GE05	GE04	GE0
	18.6	22.7	24.5	28.4	29.4	29.7	37.9	31.8	32.3	33.7	33.1	33.1	33.1	33.7	33.2	33.3
≥ 18000	20.4	24.6	26.4	31.4	32.4	33.0	34.7	35.7	36.2	37.1	37.2	37.2	37.2	37.3	37.3	37.4
≥ 16000	21.6	24.6	26.4	31.7	32.6	33.2	34.9	36.0	36.5	37.3	37.4	37.4	37.4	37.5	37.5	37.6
≥ 14000	22.7	24.9	26.7	31.8	32.7	33.3	35.0	36.1	36.6	37.4	37.5	37.5	37.5	37.6	37.6	37.8
≥ 12000	23.7	24.9	26.7	31.8	32.7	33.3	35.7	36.1	36.6	37.4	37.5	37.5	37.5	37.6	37.6	37.8
≥ 10000	24.0	25.2	27.1	32.0	33.7	33.6	35.3	36.3	36.8	37.6	37.8	37.8	37.8	37.9	37.9	38.0
≥ 9000	21.6	26.3	28.1	33.1	34.1	34.7	36.6	37.8	38.2	39.1	39.2	39.2	39.2	39.3	39.3	39.4
≥ 8000	22.1	26.7	28.5	33.6	34.7	35.3	37.2	38.4	38.8	39.7	39.8	39.8	39.8	39.9	39.9	40.0
≥ 7000	25.4	31.7	32.6	38.6	47.7	40.6	42.6	43.9	44.4	45.2	45.3	45.3	45.3	45.4	45.4	45.6
≥ 6000	26.1	32.3	34.2	40.3	41.7	42.3	44.2	45.6	46.0	46.9	47.0	47.0	47.0	47.1	47.1	47.2
≥ 5000	26.1	32.3	34.2	40.3	41.7	42.3	44.2	45.6	46.0	46.9	47.0	47.0	47.0	47.1	47.1	47.2
≥ 4500	27.6	34.2	36.1	42.6	44.1	44.7	47.1	48.4	48.9	49.8	49.9	49.9	49.9	50.0	50.0	50.1
≥ 4000	27.9	34.5	36.7	43.4	45.1	45.7	48.4	49.8	50.2	51.1	51.2	51.2	51.2	51.3	51.3	51.4
≥ 3500	33.1	42.1	44.7	52.8	55.9	56.5	60.2	61.9	62.7	63.7	63.8	63.8	63.8	64.0	64.0	64.3
≥ 3000	36.2	46.2	49.3	57.8	61.4	62.1	65.9	67.6	68.5	69.4	69.5	69.5	69.5	69.8	69.8	70.0
≥ 2500	37.2	47.2	50.4	59.2	63.4	64.3	68.3	70.1	71.1	71.9	72.1	72.1	72.1	72.3	72.3	72.5
≥ 2000	38.4	49.2	52.8	63.7	68.5	69.8	74.7	76.5	77.3	78.3	78.4	78.4	78.4	78.7	78.7	78.9
≥ 1800	38.6	49.6	53.2	64.9	69.7	71.0	75.9	77.8	78.7	79.6	79.7	79.7	79.7	80.0	80.0	80.2
≥ 1500	39.7	50.1	54.7	66.5	71.6	72.9	77.8	79.7	80.6	81.5	81.7	81.7	81.8	82.4	82.4	82.6
≥ 1200	39.1	51.1	54.9	69.1	75.1	76.4	81.5	83.5	84.4	85.4	85.5	85.5	85.5	85.6	86.2	86.5
≥ 1000	39.1	51.1	54.9	69.7	75.9	77.2	82.6	84.5	85.5	86.5	86.6	86.6	86.7	87.3	87.3	87.5
≥ 900	39.1	51.1	54.9	69.7	75.9	77.2	82.7	84.8	85.7	86.7	86.8	86.8	86.8	86.9	87.5	87.8
≥ 800	39.1	51.2	55.1	70.1	76.6	77.9	83.7	86.0	86.9	87.9	88.0	88.0	88.1	88.7	88.7	89.0
≥ 700	39.1	51.6	55.5	71.6	78.2	79.6	85.7	88.1	89.2	90.2	90.3	90.3	90.4	91.0	91.0	91.2
≥ 600	39.2	51.7	55.6	71.9	78.5	80.0	86.3	88.7	89.8	91.0	91.1	91.1	91.2	91.8	91.8	92.1
≥ 500	39.2	51.7	55.6	72.3	79.4	80.8	88.2	90.9	92.0	93.6	93.8	93.8	93.9	94.5	94.5	94.7
≥ 400	39.3	51.8	55.8	72.7	79.7	81.3	89.0	91.6	92.8	94.5	94.6	94.6	94.7	95.3	95.3	95.6
≥ 300	39.3	51.8	55.9	72.8	79.9	81.5	89.7	92.3	93.5	95.6	95.8	95.8	95.9	96.8	97.0	97.2
≥ 200	39.3	51.9	56.7	72.9	80.0	81.7	89.8	92.6	94.0	96.3	96.5	96.8	97.0	97.8	98.3	99.0
≥ 100	39.3	51.9	56.7	72.9	80.0	81.7	89.8	92.6	94.0	96.3	96.5	96.8	97.0	98.2	98.8	99.9
≥ 0	39.3	51.9	56.0	72.9	80.0	81.7	89.8	92.6	94.0	96.3	96.5	96.8	97.0	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 834

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 00006RIDGE RAF UK

74-75,77-83

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	210	26	25	24	23	22	22	21	21	21	21	21	21	21	21	21
	GT9	FC9	GF8	GF6	GF4	GF4	GF3	GF2	GF2	GF1	GF1	GF1	GF1	GF1	GF1	GF1
21000	16.7	19.8	21.6	25.6	27.4	27.6	28.7	29.1	29.5	30.0	30.1	30.2	30.2	30.3	30.4	30.5
20000	18.4	22.8	24.9	29.6	31.8	32.1	33.5	34.5	34.4	35.0	35.1	35.2	35.2	35.4	35.5	35.6
218000	18.5	23.0	25.1	29.8	32.0	32.3	33.7	34.3	34.7	35.3	35.3	35.4	35.5	35.7	35.9	35.8
217000	18.6	23.1	25.2	29.9	32.1	32.4	33.9	34.4	34.9	35.4	35.4	35.5	35.6	35.8	35.8	35.9
214000	18.7	23.2	25.3	30.1	32.2	32.6	34.0	34.5	34.9	35.5	35.6	35.7	35.7	35.9	36.0	36.1
212000	19.1	23.7	25.8	31.6	32.8	33.1	34.5	35.1	35.5	36.1	36.2	36.2	36.3	36.5	36.6	36.6
211000	20.3	24.7	26.9	31.9	34.2	34.6	36.1	36.8	37.2	37.8	37.9	38.0	38.0	38.2	38.3	38.4
21000	20.4	25.2	27.5	32.5	34.9	35.3	37.7	37.7	38.1	38.7	38.7	38.8	38.9	39.1	39.2	39.2
20000	23.1	28.9	31.5	37.4	47.3	40.7	42.4	43.2	43.6	44.2	44.7	44.4	44.4	44.7	44.7	44.8
20000	23.8	30.0	32.7	38.7	41.7	42.3	43.8	44.6	45.0	45.7	45.8	45.8	45.9	46.1	46.2	46.3
20000	24.2	30.2	32.9	38.9	41.8	42.3	44.7	44.8	45.2	45.8	45.9	46.0	46.7	46.3	46.4	46.4
20000	25.2	31.9	34.6	41.2	44.4	44.8	46.7	47.5	47.9	48.6	48.7	48.8	48.8	49.2	49.1	49.2
20000	25.6	32.4	35.3	42.1	45.4	45.9	48.7	48.8	49.3	49.9	50.0	50.1	50.2	50.4	50.5	50.6
20000	28.0	35.9	39.2	46.9	52.8	51.4	53.6	54.5	55.1	56.0	56.1	56.2	56.2	56.5	56.6	56.7
20000	30.4	39.3	42.9	51.1	55.3	56.0	58.5	59.5	60.2	61.1	61.2	61.3	61.3	61.6	61.7	61.8
20000	34.2	44.4	48.5	57.2	61.9	62.6	65.2	66.6	67.3	68.2	68.4	68.5	68.5	68.8	68.9	69.1
20000	34.7	44.9	49.2	58.2	63.3	64.7	66.8	68.2	69.0	69.9	70.0	70.2	70.2	70.5	70.6	70.7
20000	36.2	47.1	51.7	62.2	68.7	68.8	72.7	73.6	74.3	75.4	75.5	75.6	75.7	76.2	76.1	76.2
20000	36.4	47.4	52.1	63.1	68.9	69.7	73.1	74.7	75.4	76.5	76.6	76.7	76.8	77.1	77.2	77.3
20000	37.3	48.5	53.6	65.4	71.7	72.5	76.7	77.7	78.5	79.6	79.7	79.9	79.9	80.3	80.4	80.5
20000	37.4	49.3	54.7	68.3	75.3	76.2	79.9	81.8	82.7	83.8	84.0	84.1	84.2	84.6	84.7	84.8
20000	37.5	49.6	55.3	69.4	76.8	77.8	81.7	83.7	84.6	85.9	86.1	86.2	86.3	86.7	86.8	86.9
20000	37.5	49.6	55.4	69.7	77.2	78.2	82.1	84.3	85.2	86.5	86.7	86.8	86.9	87.3	87.4	87.6
20000	37.6	49.8	55.6	70.3	78.1	79.1	83.2	85.4	86.4	87.7	87.9	88.1	88.1	88.5	88.7	88.8
20000	37.6	49.9	55.9	71.1	79.1	80.1	84.6	86.9	87.8	89.3	89.5	89.7	89.8	90.2	90.4	90.5
20000	37.6	50.0	56.0	71.4	79.5	80.6	85.3	87.8	88.7	90.4	90.6	90.8	90.9	91.4	91.5	91.6
20000	37.7	50.0	56.1	71.7	80.2	81.3	86.4	89.3	90.4	92.5	92.8	93.1	93.2	93.7	93.8	94.0
20000	37.7	50.1	56.1	71.8	80.5	81.7	86.9	90.1	91.4	93.7	94.0	94.3	94.5	95.2	95.1	95.3
20000	37.7	50.1	56.2	71.9	80.5	81.7	87.2	90.5	92.0	94.7	95.2	95.6	95.8	96.4	96.7	97.0
20000	37.7	50.1	56.2	71.9	80.5	81.7	87.3	90.7	92.3	95.4	96.7	96.5	96.9	97.6	98.2	98.7
20000	37.7	50.1	56.2	71.9	80.6	81.8	87.3	90.7	92.3	95.4	96.1	96.6	97.7	97.9	98.5	99.8
20000	37.7	50.1	56.2	71.9	80.6	81.8	87.3	90.7	92.3	95.4	96.1	96.6	97.0	97.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6850

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75951
STATION

0008PIDGE RAF UK
STATION NAME

74-75, 7E-07
YEAR

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

740-7500
TIME

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																							
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4
21000	11.4	12.6	14.7	27.0	21.5	23.6	27.2	28.3	28.3	28.8	29.2	29.4	29.8	31.0	31.6	32.6								
21800	13.8	15.4	17.4	23.4	24.9	27.0	30.6	31.8	31.8	32.2	32.6	32.8	33.2	34.4	35.0	36.1								
21600	13.8	15.4	17.4	23.4	24.9	27.0	30.6	31.8	31.8	32.2	32.6	32.8	33.2	34.4	35.0	36.1								
21400	13.9	15.6	17.5	23.6	24.1	27.2	30.7	31.9	31.9	32.3	32.8	32.9	33.4	34.6	35.2	36.2								
21200	14.2	15.9	17.8	23.9	25.4	27.4	31.1	32.2	32.2	32.6	33.1	33.2	33.7	34.9	35.5	36.5								
21000	14.7	17.4	19.6	25.8	27.3	29.4	33.1	34.3	34.3	34.7	35.2	35.3	35.8	36.9	37.5	38.6								
20800	14.8	17.5	19.7	26.1	27.6	29.7	33.4	34.6	34.6	35.0	35.5	35.6	36.1	37.2	37.8	38.9								
20600	16.8	20.0	22.7	29.5	31.3	33.8	38.1	39.5	39.5	39.9	40.4	40.5	40.9	42.1	42.7	43.8								
20400	17.1	20.8	23.7	30.7	32.6	35.2	39.8	41.2	41.2	41.7	42.1	42.3	42.7	43.9	44.5	45.5								
20200	17.5	21.2	24.2	31.6	33.5	36.1	40.7	42.1	42.1	42.6	43.0	43.2	43.6	44.8	45.4	46.4								
20000	18.0	22.3	25.7	33.2	35.2	37.7	42.3	43.8	43.8	44.4	44.8	45.0	45.4	46.6	47.2	48.2								
20800	18.5	23.3	27.2	34.7	36.9	39.5	44.1	45.5	45.5	46.3	46.7	46.9	47.3	48.5	49.1	50.1								
20600	19.7	26.0	29.8	37.7	39.9	42.4	47.9	49.4	49.4	50.3	50.7	50.9	51.3	52.5	53.1	54.2								
20400	21.5	28.3	32.2	40.7	43.2	45.3	51.3	53.0	53.0	53.9	54.3	54.5	54.9	56.1	56.7	57.7								
20200	23.3	30.4	34.7	45.1	49.4	51.7	57.3	59.1	59.1	59.9	60.4	60.5	61.2	62.2	62.8	63.8								
20000	23.6	30.9	35.2	46.3	49.6	52.2	58.5	60.2	60.2	61.1	61.6	61.7	62.2	63.4	63.9	65.0								
20800	26.1	34.1	38.9	51.3	55.5	58.6	65.1	67.7	67.7	68.5	69.0	69.1	69.6	70.8	71.4	72.4								
20600	26.1	34.1	38.9	51.9	56.5	59.6	66.3	68.8	68.8	69.7	70.2	70.3	70.8	72.0	72.6	73.6								
20400	26.7	35.0	40.1	53.6	58.3	61.4	68.4	71.5	71.5	72.4	72.8	73.0	73.4	74.6	75.2	76.3								
20200	27.2	35.6	40.8	55.2	60.5	63.6	71.4	74.5	74.8	75.7	76.1	76.3	76.7	77.9	78.5	79.5								
20000	27.3	36.1	41.5	56.5	61.9	65.0	72.7	76.1	76.7	77.6	78.0	78.2	78.6	79.8	80.4	81.5								
20800	27.3	36.1	41.5	56.5	61.9	65.0	72.7	76.1	76.7	77.6	78.0	78.2	78.6	79.8	80.4	81.5								
20600	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4								
20400	27.6	36.5	42.0	57.6	63.5	66.6	74.8	78.3	79.2	80.6	81.0	81.2	81.6	82.8	83.4	84.4								
20200	27.6	36.6	42.1	58.2	64.5	68.1	76.6	80.9	81.8	83.5	84.0	84.1	84.6	85.8	86.4	87.4								
20000	27.6	36.6	42.3	58.6	65.1	68.8	78.3	83.5	84.4	86.4	86.8	86.9	87.4	88.6	89.2	90.2								
20800	27.6	36.6	42.3	58.6	65.3	69.0	78.5	85.6	86.6	89.0	89.5	89.6	90.2	91.8	92.4	93.5								
20600	27.6	36.6	42.3	58.6	65.3	69.0	78.5	85.8	86.9	89.3	89.8	90.1	90.7	92.4	93.8	95.1								
20400	27.6	36.6	42.3	58.6	65.3	69.0	78.5	85.8	86.9	89.3	89.8	90.1	90.7	92.4	93.8	95.1								
20200	27.6	36.6	42.3	58.6	65.3	69.0	78.5	85.8	86.9	89.3	89.8	90.1	90.7	92.4	93.8	95.1								
20000	27.6	36.6	42.3	58.6	65.3	69.0	78.5	85.8	86.9	89.3	89.8	90.1	90.7	92.4	93.8	95.1								

TOTAL NUMBER OF OBSERVATIONS 674

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1759-1 000801000 RAF UK

74-75-77-87

FEF

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6-7-7800

CEILING FEET	VISIBILITY STATUTE MILES															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
10000	9.4	11.3	12.7	17.3	19.5	21.5	22.8	24.3	24.7	25.7	26.7	26.1	26.5	27.1	27.5	28.0
8000	10.0	11.6	14.4	20.4	22.7	23.7	26.2	27.8	28.2	29.2	29.5	29.7	30.1	30.7	31.2	31.8
6000	17.7	11.8	14.4	20.4	22.7	23.7	26.4	28.0	28.4	29.4	29.7	29.8	30.2	30.8	31.4	32.0
4000	17.1	12.1	14.6	22.5	22.8	23.8	26.5	28.1	28.5	29.5	29.8	30.0	30.4	31.0	31.5	32.1
2000	17.3	12.1	14.8	21.8	23.1	24.1	26.9	28.4	28.8	29.8	30.1	30.2	30.7	31.2	31.8	32.4
1000	17.7	12.6	15.3	21.3	23.5	24.5	27.2	28.8	29.2	30.2	30.5	30.7	31.1	31.7	32.2	32.8
800	11.6	13.6	16.4	22.5	24.8	25.8	28.5	30.1	30.5	31.5	31.8	32.0	32.4	33.0	33.5	34.1
600	12.0	14.0	17.3	23.5	26.1	27.1	29.8	31.4	31.8	32.8	33.1	33.2	33.7	34.2	34.8	35.4
400	14.3	16.7	21.1	26.7	29.8	31.1	34.8	36.4	36.8	37.8	38.1	38.2	38.7	39.4	39.9	40.5
200	14.8	17.8	21.5	28.1	31.5	32.8	36.5	38.2	38.7	39.7	39.9	40.1	40.5	41.2	41.8	42.4
100	14.9	17.8	21.5	28.2	31.7	33.0	36.7	38.4	38.9	39.9	40.1	40.2	40.7	41.4	41.9	42.5
80	15.5	19.3	23.3	30.1	33.8	35.1	38.9	40.8	41.2	42.5	42.8	43.1	43.5	44.2	44.8	45.5
60	15.7	19.7	23.8	30.8	34.7	35.9	39.9	41.9	42.4	43.7	44.1	44.4	44.8	45.5	46.1	46.8
40	17.5	22.1	26.5	34.8	39.2	40.8	44.9	47.2	47.6	48.9	49.4	49.6	50.1	50.8	51.4	52.1
20	19.7	24.5	29.1	37.4	42.4	44.2	48.8	51.4	51.9	53.6	54.1	54.4	54.8	55.5	56.1	56.8
10	22.0	28.1	33.1	42.9	48.6	50.5	55.4	58.5	58.9	60.9	61.7	61.8	62.2	62.9	63.5	64.2
8	22.0	28.1	33.4	43.8	49.5	51.5	56.6	59.5	59.9	62.2	62.6	63.1	63.5	64.2	64.8	65.5
6	25.7	31.7	37.7	49.6	54.8	57.3	62.6	65.5	66.0	68.3	68.8	69.2	69.6	70.3	70.9	71.6
4	25.7	31.8	37.8	48.9	55.3	57.9	63.3	66.2	66.8	69.2	69.6	70.2	70.6	71.3	71.9	72.6
2	25.2	32.2	38.4	50.5	57.3	59.9	65.9	69.2	70.2	72.6	73.0	73.6	74.0	74.8	75.3	76.0
1	25.8	32.8	39.1	52.4	59.8	62.3	69.3	73.0	74.2	76.7	77.2	77.7	78.2	79.0	79.6	80.3
0.8	25.8	33.0	39.4	52.6	60.3	62.9	70.5	74.3	75.5	78.2	78.6	79.2	79.6	80.5	81.2	81.7
0.6	25.8	33.0	39.5	52.8	60.5	63.1	70.6	74.5	75.6	78.6	79.0	79.6	80.0	80.9	81.5	82.2
0.4	26.1	33.5	40.1	53.6	61.5	64.1	71.8	75.6	76.7	79.7	80.2	80.7	81.2	82.0	82.6	83.3
0.2	26.1	33.5	40.1	53.9	62.1	64.8	72.5	76.5	77.6	81.3	81.7	82.5	82.9	83.7	84.3	85.0
0.1	26.1	33.5	40.1	54.4	62.6	65.3	73.2	77.5	78.9	82.6	83.0	83.7	84.2	85.3	86.0	86.9
0.05	26.1	33.5	40.4	55.2	63.8	66.5	74.8	79.9	81.5	85.7	86.2	86.9	87.3	88.7	89.4	90.3
0.02	26.1	33.5	40.4	55.2	63.8	66.6	75.7	80.9	82.6	87.2	87.6	88.3	88.7	90.3	91.2	91.9
0.01	26.1	33.5	40.4	55.2	63.8	66.6	75.7	81.5	83.3	88.4	89.3	90.2	90.6	92.3	93.3	94.4
0.005	26.1	33.5	40.4	55.2	63.8	66.6	75.7	81.5	83.3	88.4	89.6	90.6	91.2	93.4	95.4	98.4
0.002	26.1	33.5	40.4	55.2	63.8	66.6	75.7	81.5	83.3	88.4	89.6	90.6	91.3	93.9	96.4	99.9
0.001	26.1	33.5	40.4	55.2	63.8	66.6	75.7	81.5	83.3	88.4	89.6	90.6	91.3	93.9	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 721

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE MAC

CEILING VERSUS VISIBILITY

121951 WOODHURST RAF, UK

74-75, 77-81

558

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1219-1222

		CEILING (HUNDREDS OF METERS)																			
		19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
1	100	9.4	10.6	14.4	19.4	25.7	27.8	21.9	22.9	27.4	23.8	23.8	24.7	24.5	24.9	24.9	24.9	24.9	24.9	24.9	24.9
2	100	12.1	14.6	16.7	21.2	23.6	24.2	25.4	27.1	27.7	28.2	28.2	28.7	29.1	29.5	29.6	29.6	29.6	29.6	29.6	29.6
3	100	17.3	14.8	16.7	21.3	24.1	24.5	25.1	27.5	27.5	28.7	28.7	29.2	29.6	30.0	30.2	30.2	30.2	30.2	30.2	30.2
4	100	17.3	14.8	16.7	21.3	24.1	24.5	25.1	27.5	27.5	28.7	28.7	29.2	29.6	30.0	30.2	30.2	30.2	30.2	30.2	30.2
5	100	17.3	14.8	16.7	21.3	24.1	24.5	25.1	27.5	27.5	28.7	28.7	29.2	29.6	30.0	30.2	30.2	30.2	30.2	30.2	30.2
6	100	11.5	16.3	18.4	22.1	25.5	26.4	28.1	29.5	29.5	30.5	30.5	30.5	31.4	31.4	32.1	32.1	32.1	32.1	32.1	32.1
7	100	11.9	17.1	19.2	24.6	27.4	29.1	29.8	31.4	31.5	32.7	32.7	33.2	33.6	34.1	34.1	34.1	34.1	34.1	34.1	34.1
8	100	13.2	19.8	22.4	28.3	31.6	32.4	34.7	36.4	36.6	37.8	37.8	38.5	38.9	39.7	39.7	39.7	39.7	39.7	39.7	39.7
9	100	13.6	20.7	24.7	29.8	33.2	34.1	36.5	38.2	38.5	39.7	39.7	40.3	40.7	41.1	41.1	41.1	41.1	41.1	41.1	41.1
10	100	13.6	21.1	24.4	30.2	33.6	34.4	36.7	38.6	38.9	40.1	40.1	40.7	41.1	41.5	41.5	41.5	41.5	41.5	41.5	41.5
11	100	14.6	22.3	25.6	32.0	35.4	36.2	38.7	40.4	40.7	42.2	42.2	43.0	43.3	43.7	43.7	43.7	43.7	43.7	43.7	43.7
12	100	14.9	22.8	26.2	33.5	37.3	38.2	40.7	42.6	43.0	44.3	44.3	45.1	45.5	45.9	45.9	45.9	45.9	45.9	45.9	45.9
13	100	16.2	24.6	28.5	36.9	41.1	42.2	45.2	47.3	47.7	49.0	49.0	49.7	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3
14	100	18.1	27.3	31.1	40.3	44.8	45.8	49.4	51.6	52.0	53.5	53.5	54.4	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2
15	100	22.8	31.1	34.9	46.5	52.8	54.7	57.8	60.2	60.9	62.5	62.5	63.6	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4
16	100	21.1	31.7	35.7	47.7	54.3	55.6	59.6	61.9	62.6	64.2	64.2	64.6	65.3	65.7	66.1	66.1	66.1	66.1	66.1	66.1
17	100	22.8	34.8	38.7	52.7	59.7	61.1	65.3	67.7	68.4	70.0	70.0	70.6	71.4	71.8	72.2	72.2	72.2	72.2	72.2	72.2
18	100	22.8	34.8	38.7	53.2	60.7	62.2	66.4	69.0	69.7	71.3	71.3	71.9	72.7	73.1	73.5	73.5	73.5	73.5	73.5	73.5
19	100	22.9	35.0	39.3	54.1	62.2	63.8	68.0	71.0	72.3	74.3	74.3	75.0	75.8	76.2	76.5	76.5	76.5	76.5	76.5	76.5
20	100	23.6	35.8	40.3	55.9	65.2	66.9	71.5	75.4	76.7	79.1	79.1	80.5	80.9	81.3	81.4	81.4	81.4	81.4	81.4	81.4
21	100	23.7	36.0	40.6	57.2	66.9	68.6	73.4	77.5	78.8	81.3	81.3	82.2	83.0	83.5	83.9	83.9	83.9	83.9	83.9	83.9
22	100	23.7	36.0	40.7	57.4	67.3	69.0	73.8	78.0	79.3	81.8	81.8	82.7	83.5	84.1	84.5	84.5	84.5	84.5	84.5	84.5
23	100	24.3	36.2	41.1	58.2	68.4	70.1	74.8	79.2	80.5	83.3	83.3	84.2	85.0	85.5	85.9	85.9	85.9	85.9	85.9	85.9
24	100	24.3	36.2	41.1	58.5	68.8	70.5	75.5	80.2	81.6	84.5	84.5	85.4	86.2	86.7	87.1	87.1	87.1	87.1	87.1	87.1
25	100	24.3	36.2	41.2	58.9	69.4	71.1	76.3	81.6	83.3	86.4	86.4	87.4	88.1	88.7	89.2	89.2	89.2	89.2	89.2	89.2
26	100	24.0	36.2	41.2	58.9	70.2	72.1	77.6	83.7	85.6	88.8	88.8	89.9	90.6	91.3	92.4	92.4	92.4	92.4	92.4	92.4
27	100	24.3	36.2	41.2	58.9	70.4	72.2	78.3	84.8	87.1	91.2	91.2	92.8	94.5	95.7	97.5	97.5	97.5	97.5	97.5	97.5
28	100	24.3	36.2	41.2	58.9	70.4	72.2	78.3	84.8	87.1	91.2	91.2	92.8	94.5	95.7	97.5	97.5	97.5	97.5	97.5	97.5
29	100	24.0	36.2	41.2	58.9	70.4	72.2	78.3	84.8	87.1	91.2	91.2	92.8	94.5	95.7	97.5	97.5	97.5	97.5	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS 759

CENTRAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-751 WOODBRIDGE RAF UK

74-75-77-8

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

11-9-1700

CEILING (FEET)	VISIBILITY STATISTICAL															
	200	200	250	240	230	220	210	200	190	180	170	160	150	140	130	120
100	10.1	10.3	17.7	23.3	26.7	26.6	27.3	26.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2
110	17.7	20.2	22.3	30.3	33.5	34.4	36.1	36.6	36.6	36.4	36.5	36.8	36.3	36.5	36.5	36.8
120	17.7	20.2	23.1	30.4	34.0	34.9	36.6	37.2	37.2	37.3	37.7	37.3	37.3	37.3	37.3	37.3
130	13.3	20.3	23.7	31.6	34.1	35.0	36.9	37.3	37.7	37.4	37.4	37.4	37.4	37.4	37.4	37.4
140	13.8	20.3	23.7	31.6	34.1	35.0	36.7	37.3	37.7	37.4	37.4	37.4	37.4	37.4	37.4	37.4
150	14.0	20.4	23.7	31.7	34.3	35.2	36.9	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5
160	14.2	21.5	24.4	31.8	36.0	36.9	38.6	39.1	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.3
170	16.2	21.7	24.2	32.7	36.9	37.8	39.3	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4
180	16.2	23.2	26.4	35.8	40.6	41.5	43.6	44.1	44.1	44.3	44.7	44.3	44.3	44.7	44.7	44.3
190	16.2	24.1	27.8	37.3	42.0	43.0	45.1	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7
200	16.2	24.2	27.9	37.4	42.2	43.1	45.2	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8
210	16.2	25.3	29.6	39.1	43.9	44.8	46.9	47.4	47.6	48.0	48.0	48.0	48.0	48.0	48.0	48.0
220	19.4	26.1	30.7	37.8	44.7	45.6	47.7	48.2	48.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9
230	21.4	29.1	33.7	44.3	50.7	51.3	53.5	54.2	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1
240	22.0	31.6	36.7	48.2	55.2	56.3	58.6	59.3	59.4	60.2	60.2	60.2	60.2	60.2	60.2	60.2
250	25.7	35.4	41.0	54.3	62.6	63.6	66.5	67.3	67.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
260	26.1	36.6	42.4	57.2	65.9	66.9	69.8	70.6	70.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
270	26.5	37.2	43.3	59.7	69.7	71.1	74.0	75.2	75.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2
280	26.7	37.4	43.6	60.5	70.6	72.2	75.2	76.5	77.2	78.7	78.7	78.7	78.7	78.7	78.7	78.7
290	27.4	38.3	44.5	62.1	72.7	74.3	77.6	79.4	80.2	81.8	81.8	81.8	81.8	81.8	81.8	81.8
300	27.9	39.3	45.6	63.5	75.8	77.3	81.0	82.9	83.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4
310	27.9	39.3	45.6	64.6	77.6	79.2	83.1	85.1	85.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
320	27.9	39.3	45.6	64.6	77.9	79.4	83.7	85.6	86.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5
330	27.9	39.3	45.6	64.6	78.3	80.1	84.6	86.8	87.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
340	27.9	39.3	45.6	65.2	78.7	80.5	85.4	88.0	88.9	91.2	91.3	91.4	91.4	91.4	91.4	91.4
350	27.9	39.3	45.6	65.5	79.4	81.4	85.4	89.1	90.0	92.4	92.5	92.6	92.6	92.6	92.6	92.6
360	27.9	39.3	45.6	65.9	79.8	81.9	87.4	90.3	91.3	94.3	94.5	94.7	94.7	94.7	94.7	94.7
370	27.9	39.3	45.6	65.9	80.0	82.1	87.7	91.2	92.4	95.8	95.9	96.2	96.2	96.2	96.2	96.2
380	27.9	39.3	45.6	65.9	80.0	82.1	87.7	91.4	92.8	96.6	97.1	97.5	97.5	97.5	97.5	97.5
390	27.9	39.3	45.6	65.9	81.0	82.1	88.0	91.7	93.0	97.2	98.0	98.7	99.1	99.5	99.6	99.6
400	27.9	39.3	45.6	65.9	81.0	82.1	88.0	91.7	93.0	97.2	98.0	98.7	99.1	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 759

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

135951 0000BRIDGE RAF UK

74-75.77-87

EEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1359-2100

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																			
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8
1-1000	17.4	16.6	20.0	24.6	28.3	29.4	31.6	33.2	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
2-1000	14.5	18.6	22.9	27.9	32.3	33.7	36.7	38.2	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
3-1000	14.5	18.6	22.8	27.9	32.7	34.1	36.4	38.6	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
4-1000	14.5	18.6	22.8	28.1	32.8	34.3	36.5	39.7	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
5-1000	14.6	18.7	22.9	28.2	32.9	34.4	36.6	39.9	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
6-1000	15.1	19.4	23.6	29.0	33.7	35.6	37.9	41.2	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
7-1000	15.2	19.5	23.8	29.1	34.7	36.5	38.7	41.1	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
8-1000	15.9	21.7	25.6	31.9	37.2	39.0	41.5	43.9	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
9-1000	16.2	22.1	27.5	34.1	39.4	41.2	43.7	46.1	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
10-1000	16.9	22.0	27.5	34.1	39.4	41.2	43.7	46.1	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
11-1000	17.3	22.5	28.5	35.0	41.3	42.2	44.7	47.2	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
12-1000	18.1	23.3	29.2	36.2	41.5	43.3	45.9	48.4	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
13-1000	21.3	26.0	32.1	41.2	46.6	48.9	51.6	54.2	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
14-1000	21.5	28.3	34.7	44.9	51.6	53.4	56.9	59.6	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
15-1000	23.4	31.5	38.5	51.3	57.8	61.7	64.7	67.5	67.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
16-1000	24.4	32.4	39.4	52.6	59.3	62.2	66.3	69.0	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
17-1000	25.6	34.5	41.8	56.8	65.1	68.0	72.7	76.0	76.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
18-1000	25.6	34.7	42.1	57.8	66.7	69.2	74.0	77.3	77.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
19-1000	26.1	35.2	42.6	59.2	67.6	70.8	76.1	80.0	80.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
20-1000	26.1	35.6	43.2	61.1	69.3	72.6	78.4	82.7	83.8	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
21-1000	26.1	36.1	43.7	61.1	70.8	74.3	80.9	85.2	86.4	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
22-1000	26.1	36.1	43.7	61.1	71.1	74.8	81.4	85.8	87.0	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
23-1000	26.1	36.2	43.9	61.3	71.7	75.4	82.3	86.7	88.0	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
24-1000	26.1	36.2	43.9	61.5	72.3	76.3	83.9	88.3	89.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
25-1000	26.1	36.2	43.9	61.9	72.7	76.7	84.3	88.8	90.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
26-1000	26.1	36.2	43.9	62.1	73.0	76.9	84.6	89.5	91.0	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
27-1000	26.1	36.2	43.9	62.1	73.1	77.1	85.0	90.0	91.6	96.2	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
28-1000	26.1	36.2	43.9	62.1	73.1	77.1	85.1	90.5	92.1	97.6	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
29-1000	26.1	36.2	43.9	62.1	73.1	77.1	85.2	90.6	92.2	97.8	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
30-1000	26.1	36.2	43.9	62.1	73.1	77.1	85.2	90.6	92.2	97.8	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 759

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATP WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

STATION 77051 WOODBRIDGE PAF UK

74-75, 77-87

FFF

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0-14-5-2300

CEILING FEET	VISIBILITY STATUTE MILES OR (in HUNDREDS OF METERS)																			
	200	200	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
1000	16.8	22.1	22.3	26.9	31.2	32.5	34.1	35.8	36.3	36.3	36.6	36.6	36.6	37.3	37.9	37.9	38.0	38.0	38.0	38.0
2000	17.8	22.1	24.6	30.0	34.7	36.1	37.5	39.9	40.4	40.4	40.7	40.7	41.3	41.9	42.0	42.0	42.4	42.4	42.4	42.4
3000	17.8	22.1	24.6	30.0	34.7	36.1	37.5	39.9	40.4	40.4	40.7	40.7	41.3	41.9	42.0	42.0	42.4	42.4	42.4	42.4
4000	18.1	22.2	24.7	30.3	35.3	36.6	38.0	40.4	41.0	41.0	41.3	41.3	41.9	42.4	42.5	42.5	42.9	42.9	42.9	42.9
5000	18.1	22.2	24.7	30.3	35.3	36.6	38.0	40.4	41.0	41.0	41.3	41.3	41.9	42.4	42.5	42.5	42.9	42.9	42.9	42.9
6000	18.4	22.6	25.7	31.0	36.1	37.6	39.4	41.6	42.1	42.1	42.4	42.4	43.1	43.5	43.7	44.1	44.1	44.1	44.1	44.1
7000	18.4	22.6	25.7	31.0	36.1	37.6	39.4	41.6	42.1	42.1	42.4	42.4	43.1	43.5	43.7	44.1	44.1	44.1	44.1	44.1
8000	20.1	25.0	28.1	34.3	39.8	41.7	43.7	45.6	46.1	46.1	46.4	46.4	47.7	47.7	47.7	48.1	48.1	48.1	48.1	48.1
9000	20.1	25.0	28.1	34.3	39.8	41.7	43.7	45.6	46.1	46.1	46.4	46.4	47.7	47.7	47.7	48.1	48.1	48.1	48.1	48.1
10000	20.3	25.6	29.1	35.5	41.1	42.7	44.9	47.2	47.7	47.7	48.0	48.0	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
11000	20.5	25.8	29.3	35.8	41.5	43.1	45.7	47.6	48.1	48.1	48.3	48.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
12000	21.5	26.9	30.5	37.6	43.3	44.9	47.4	49.7	50.2	50.2	50.5	50.5	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
13000	23.1	26.8	32.5	41.3	47.6	49.3	51.9	54.2	54.7	54.7	55.0	55.0	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
14000	24.8	31.4	35.4	45.3	52.0	54.2	57.6	59.8	60.4	60.4	60.6	60.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
15000	27.1	34.6	39.1	51.3	59.4	62.5	64.2	66.7	67.2	67.2	67.4	67.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
16000	27.7	35.5	40.2	52.8	60.5	62.6	66.3	69.7	69.5	69.5	69.6	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
17000	29.3	38.0	42.7	56.5	65.1	67.5	71.3	74.1	74.8	74.8	75.2	75.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
18000	29.5	38.3	43.2	56.0	66.6	69.1	73.3	76.2	76.9	76.9	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
19000	31.0	38.8	44.3	60.4	69.1	71.6	76.7	79.7	80.7	80.7	81.2	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
20000	30.5	39.8	45.4	61.7	71.8	73.3	78.3	82.0	83.2	83.2	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
21000	30.5	39.8	45.4	62.0	71.3	73.8	79.7	82.8	83.9	83.9	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
22000	30.5	39.8	45.4	62.1	71.5	74.0	79.1	83.2	84.3	84.3	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
23000	30.5	39.9	45.8	63.1	72.7	75.3	80.4	84.5	85.6	85.6	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
24000	30.5	40.0	46.7	63.5	73.4	76.5	83.7	87.6	89.4	89.4	90.6	90.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
25000	30.5	40.3	46.2	63.8	73.8	76.9	83.8	88.4	90.2	90.2	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
26000	30.5	40.3	46.2	63.8	73.8	77.1	84.3	89.3	91.1	91.1	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
27000	30.5	40.3	46.2	63.8	73.8	77.1	84.4	90.2	92.3	92.3	95.0	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
28000	30.5	40.3	46.2	63.8	73.8	77.1	84.4	90.2	92.3	92.3	95.5	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
29000	30.5	40.3	46.2	63.8	73.8	77.1	84.4	90.2	92.3	92.3	95.5	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
30000	30.5	40.3	46.2	63.8	73.8	77.1	84.4	90.2	92.3	92.3	95.5	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0

TOTAL NUMBER OF OBSERVATIONS 757

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

130951 000BRIDGE RAF UK

74-75,77-81

FFS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	210	20	23	24	23	21	22	21	21	21	21	21	21	21	21	21
1-10000	17.3	15.2	17.3	22.1	25.7	26.0	7.9	28.9	29.2	29.6	29.7	29.9	37.1	70.5	37.7	71.1
1-18000	13.7	17.4	20.0	25.8	29.2	30.4	32.4	33.7	34.7	34.4	34.5	34.7	35.7	35.4	35.6	36.0
1-18000	13.7	17.4	20.1	26.0	29.6	30.7	32.4	34.1	34.4	34.8	35.7	35.1	35.4	35.8	36.7	36.4
1-18000	13.7	17.4	20.1	26.0	29.6	30.8	32.3	34.2	34.4	34.8	35.7	35.2	35.4	35.7	36.1	36.5
1-18000	13.8	17.6	20.2	26.1	29.7	30.9	32.9	34.3	34.5	35.0	35.1	35.3	35.5	36.1	36.7	36.6
1-18000	14.1	17.9	20.5	26.4	30.0	31.2	33.2	34.5	34.8	35.2	35.4	35.5	35.8	36.2	36.5	36.9
1-18000	14.9	19.0	21.7	27.7	31.4	32.7	34.8	36.2	36.5	36.9	37.7	37.2	37.5	37.9	38.1	38.5
1-18000	15.1	19.5	22.3	28.6	32.4	33.6	35.9	37.2	37.5	37.9	38.1	38.2	38.5	38.9	39.1	39.5
1-18000	16.7	21.6	25.7	31.9	36.2	37.6	40.1	41.5	41.8	42.3	42.4	42.6	42.9	43.3	43.6	43.9
1-18000	17.3	22.6	26.3	33.4	37.9	39.3	42.0	43.5	43.8	44.2	44.4	44.5	44.8	45.3	45.5	45.9
1-18000	17.3	22.8	26.4	33.7	38.2	39.6	42.7	43.7	44.7	44.5	44.7	44.8	45.1	45.5	45.8	46.2
1-18000	17.9	23.7	27.5	34.9	39.5	40.8	43.6	45.2	45.5	46.1	46.3	46.5	46.7	47.2	47.4	47.8
1-18000	18.4	24.4	28.3	36.1	40.8	42.2	45.1	46.7	47.7	47.6	47.8	48.0	48.3	48.7	49.0	49.4
1-18000	20.0	26.7	31.0	40.1	45.3	46.9	50.7	51.8	52.1	52.8	53.7	53.2	53.5	54.7	54.2	54.6
1-18000	21.6	29.0	33.3	43.3	48.9	50.7	54.2	56.1	56.4	57.2	57.4	57.6	57.9	58.4	58.6	59.1
1-18000	23.9	32.2	37.1	48.9	55.4	57.2	61.2	63.2	63.6	64.5	64.7	64.9	65.3	65.7	66.7	66.4
1-18000	24.5	33.1	38.1	50.5	57.3	59.1	63.2	65.3	65.7	66.6	66.9	67.1	67.4	67.9	68.1	68.6
1-18000	26.3	35.6	41.7	55.0	62.6	64.7	69.7	71.4	71.9	73.7	73.2	73.5	73.8	74.3	74.5	75.0
1-18000	26.4	35.7	41.1	55.7	63.6	65.8	70.2	72.7	73.2	74.3	74.5	74.8	75.1	75.6	75.8	76.3
1-18000	26.8	36.3	42.0	57.4	65.6	67.8	72.5	75.4	76.3	77.6	77.9	78.1	78.5	79.7	79.2	79.7
1-18000	27.3	37.1	43.7	59.3	68.3	70.6	75.9	79.1	80.1	81.6	81.9	82.2	82.5	83.0	83.3	83.7
1-18000	27.3	37.3	43.3	62.2	69.4	71.7	77.1	80.6	81.7	83.3	83.6	83.9	84.3	84.8	85.0	85.5
1-18000	27.3	37.3	43.3	67.2	69.6	72.7	77.5	81.0	82.1	83.8	84.1	84.4	84.8	85.2	85.5	85.9
1-18000	27.4	37.4	43.6	60.9	70.5	73.0	78.6	82.2	83.4	85.2	85.6	85.9	86.2	86.7	87.7	87.4
1-18000	27.4	37.5	43.6	61.2	71.0	73.6	79.4	83.3	84.6	86.6	86.9	87.2	87.6	88.1	89.3	88.8
1-18000	27.4	37.5	43.7	61.5	71.7	74.4	80.7	84.8	86.2	88.4	88.7	89.0	89.4	90.0	91.2	90.7
1-18000	27.4	37.5	43.8	61.9	72.3	75.7	81.8	86.5	88.7	90.6	91.0	91.4	91.8	92.5	92.7	93.2
1-18000	27.4	37.5	43.8	61.9	72.4	75.2	82.2	87.6	89.2	92.1	92.5	92.9	93.4	94.1	94.3	94.8
1-18000	27.4	37.5	43.8	61.9	72.4	75.2	82.3	88.7	89.7	93.1	93.7	94.3	94.8	95.8	96.3	96.9
1-18000	27.4	37.5	43.8	61.9	72.4	75.2	82.4	88.1	89.9	93.6	94.4	95.1	95.9	97.3	98.4	100.0
1-18000	27.4	37.5	43.8	61.9	72.4	75.2	82.4	88.1	89.9	93.6	94.4	95.1	95.9	97.3	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 5871

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOPAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

175951 WOODBRIDGE RAF UK

74-87

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

026-0000

CEILING FEET	VISIBILITY STATUTE MILES															
	210	200	250	240	230	220	210	200	250	240	230	220	210	200	250	240
20000	22.3	24.0	28.0	32.6	33.8	34.5	35.4	35.9	36.5	37.0	37.3	37.5	37.5	37.5	37.5	37.8
18000	22.9	25.5	29.7	34.2	35.7	36.5	38.1	38.6	39.1	39.7	39.9	40.2	40.2	40.2	40.3	40.5
16000	22.9	25.6	29.8	34.3	35.8	36.6	38.2	38.7	39.3	39.8	40.1	40.3	40.3	40.3	40.5	40.6
14000	22.9	25.6	29.8	34.3	35.8	36.6	38.2	38.7	39.3	39.8	40.1	40.3	40.3	40.3	40.5	40.6
12000	24.3	26.9	31.1	35.7	37.1	37.9	39.7	40.3	40.9	41.4	41.7	42.0	42.0	42.0	42.1	42.2
10000	24.8	27.5	31.6	36.2	37.7	38.5	40.2	40.9	41.4	42.0	42.2	42.5	42.5	42.5	42.6	42.8
8000	26.8	30.0	34.2	39.3	41.0	41.8	43.7	44.4	44.9	45.4	45.7	46.0	46.0	46.0	46.1	46.2
6000	27.9	31.5	36.1	41.6	43.6	44.4	46.2	46.9	47.5	48.0	48.7	48.5	48.5	48.5	48.7	48.8
4000	28.0	31.6	36.3	41.8	43.8	44.6	46.5	47.2	47.7	48.3	48.5	48.8	48.9	48.9	49.0	49.1
2000	30.0	33.9	38.6	44.4	46.6	47.5	49.9	50.5	51.1	51.6	51.9	52.1	52.1	52.1	52.3	52.4
1000	31.3	34.7	39.4	45.3	47.6	48.4	50.8	51.6	52.1	52.7	52.9	53.2	53.2	53.2	53.4	53.5
500	33.9	37.9	42.9	49.3	51.9	52.7	55.2	56.2	56.7	57.2	57.5	57.8	57.8	57.8	57.9	58.0
250	35.1	39.9	45.4	53.4	56.0	56.8	59.5	60.5	61.0	61.5	61.9	62.1	62.1	62.1	62.2	62.3
100	38.3	43.8	50.1	59.2	62.3	63.1	66.1	67.4	68.0	68.6	68.9	69.2	69.2	69.2	69.3	69.4
50	38.7	44.8	51.1	60.6	64.3	65.1	68.1	69.6	70.1	70.8	71.0	71.3	71.3	71.3	71.4	71.6
25	39.8	46.2	53.2	64.5	69.3	70.4	74.4	76.3	76.8	77.5	77.7	78.0	78.0	78.0	78.2	78.3
10	39.8	46.2	53.2	64.6	69.7	70.8	74.8	76.8	77.3	78.0	78.3	78.6	78.6	78.6	78.7	78.8
5	41.4	49.3	56.4	71.5	76.5	77.7	81.9	84.3	84.9	85.7	85.9	86.2	86.2	86.2	86.3	86.5
2	42.1	50.1	57.4	72.5	78.7	79.9	84.7	86.5	87.0	87.8	88.1	88.3	88.3	88.3	88.5	88.6
1	42.1	50.1	57.4	72.9	79.2	80.4	84.6	87.0	87.5	88.3	88.6	88.9	88.9	88.9	89.0	89.1
0.5	42.1	50.1	57.6	73.7	80.3	81.5	86.2	88.6	89.1	89.9	90.2	90.5	90.5	90.5	90.6	90.8
0.25	42.1	50.3	58.0	74.5	81.5	82.7	87.8	90.3	91.2	92.0	92.2	92.5	92.5	92.5	92.6	92.8
0.1	42.4	50.5	58.3	75.7	83.2	84.5	90.1	92.6	94.2	95.0	95.3	95.6	95.6	95.6	95.7	95.8
0.05	42.5	50.7	58.4	76.0	83.5	84.7	90.8	93.4	95.2	96.0	96.2	96.5	96.5	96.5	96.6	96.8
0.025	42.5	50.7	58.4	76.0	83.6	84.9	91.2	94.1	95.8	96.9	97.2	97.5	97.5	97.6	97.7	97.9
0.01	42.5	50.7	58.4	76.0	83.6	84.9	91.2	94.1	95.8	96.9	97.2	97.5	97.5	97.6	97.7	97.9
0.005	42.5	50.7	58.4	76.0	83.6	84.9	91.2	94.1	95.8	96.9	97.2	97.5	97.5	97.6	97.7	97.9

TOTAL NUMBER OF OBSERVATIONS 786

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 135951 WOODBRIDGE RAF UK

74-75.78-87

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO FLYING	61.9	60.9	60.8	60.7	60.6	60.5	60.4	60.3	60.2	60.1	60.0	59.9	59.8	59.7	59.6	59.5
≥ 20000	19.4	22.3	25.7	31.1	31.8	32.1	35.7	35.5	36.7	36.1	36.4	36.4	36.4	36.9	36.9	37.1
≥ 18000	20.7	23.9	27.7	32.9	34.0	34.6	37.9	38.5	38.9	39.7	39.3	39.3	39.3	39.8	39.8	40.2
≥ 16000	21.7	24.2	27.9	33.2	34.3	34.9	38.2	38.7	39.1	39.3	39.6	39.6	39.6	40.1	40.1	40.2
≥ 14000	21.7	24.2	27.9	33.2	34.3	34.9	38.2	38.7	39.1	39.3	39.6	39.6	39.6	40.1	40.1	40.2
≥ 12000	20.9	24.3	28.2	33.5	34.6	35.1	38.5	39.0	39.4	39.6	39.8	39.8	39.8	40.4	40.4	40.5
≥ 10000	21.0	24.6	28.5	33.7	34.9	35.4	39.7	39.3	39.7	39.8	40.1	40.1	40.1	40.7	40.7	40.8
≥ 9000	21.0	24.6	28.5	33.7	34.9	35.4	39.7	39.3	39.7	39.8	40.1	40.1	40.1	40.7	40.7	40.8
≥ 8000	22.8	26.8	31.1	36.8	37.9	38.5	41.9	42.5	42.9	43.0	43.3	43.3	43.3	43.8	43.8	44.0
≥ 7000	24.1	28.2	32.6	38.6	40.0	40.5	44.0	44.5	45.0	45.1	45.4	45.4	45.4	45.9	45.9	46.1
≥ 6000	24.5	28.6	33.1	39.0	40.4	40.9	44.5	45.1	45.5	46.1	46.3	46.3	46.3	46.9	46.9	47.0
≥ 5000	25.4	29.6	34.4	40.5	41.9	42.5	46.2	47.0	47.4	48.0	48.3	48.3	48.3	48.8	48.8	49.0
≥ 4500	27.1	31.5	36.4	42.6	44.1	44.7	48.4	49.2	49.7	50.2	50.5	50.5	50.5	51.0	51.0	51.2
≥ 4000	28.9	33.6	39.0	46.5	48.0	48.5	52.6	54.1	54.6	55.5	55.9	55.9	55.9	56.4	56.4	56.6
≥ 3500	31.0	35.1	40.9	49.7	51.6	52.1	56.2	57.7	58.2	59.1	59.5	59.5	59.5	60.0	60.0	60.2
≥ 3000	31.7	36.0	45.5	55.3	57.7	58.2	62.7	64.3	65.1	66.0	66.4	66.5	66.5	67.1	67.1	67.2
≥ 2500	31.8	36.6	46.2	56.2	59.5	60.0	64.5	66.3	67.1	67.9	68.3	68.5	68.5	69.0	69.0	69.2
≥ 2000	33.1	40.1	48.3	59.2	63.2	64.2	69.0	71.2	72.1	72.9	73.3	73.4	73.4	74.0	74.0	74.1
≥ 1800	33.2	40.5	48.7	59.8	63.8	64.7	69.6	71.8	72.6	73.4	73.9	74.0	74.0	74.6	74.6	74.7
≥ 1600	33.7	41.4	49.8	61.4	65.7	66.7	71.5	73.7	74.8	75.7	76.1	76.2	76.2	76.8	76.8	76.9
≥ 1400	34.6	42.6	51.5	65.0	70.8	71.9	76.9	79.4	80.6	81.5	81.9	82.0	82.0	82.6	82.6	82.7
≥ 1200	34.9	43.6	52.6	67.2	73.3	74.4	79.7	82.3	83.5	84.4	84.8	84.9	84.9	85.5	85.5	85.6
≥ 1000	34.9	43.6	52.6	67.4	73.4	74.6	79.8	82.4	83.7	84.5	84.9	85.1	85.1	85.6	85.6	85.8
≥ 900	35.0	43.7	52.8	67.6	74.0	75.2	80.9	83.7	84.9	85.8	86.2	86.3	86.3	86.9	86.9	87.0
≥ 800	35.1	44.1	53.3	68.6	75.0	76.2	82.3	85.5	86.7	87.6	88.0	88.1	88.1	88.7	88.7	88.8
≥ 700	35.3	44.5	53.8	69.4	76.1	77.3	84.1	88.1	89.6	90.5	90.9	91.0	91.0	91.6	91.6	91.7
≥ 600	35.4	44.8	54.1	71.4	78.0	79.5	86.7	90.7	92.3	93.2	93.6	93.8	93.8	94.3	94.3	94.5
≥ 500	35.4	44.8	54.1	71.4	78.3	79.8	87.3	91.4	93.1	94.2	94.7	94.9	94.9	95.4	95.4	95.7
≥ 400	35.4	44.8	54.1	71.5	79.0	80.5	88.0	92.1	93.8	95.6	96.1	96.3	96.3	96.8	97.0	97.1
≥ 300	35.4	44.8	54.1	71.5	79.1	80.6	88.2	92.8	94.5	96.5	97.1	97.2	97.2	97.9	98.2	98.5
≥ 200	35.4	44.8	54.1	71.5	79.1	80.6	88.2	92.8	94.5	96.5	97.1	97.2	97.2	97.9	98.2	98.5
≥ 100	35.4	44.8	54.1	71.5	79.1	80.6	88.2	92.8	94.5	96.5	97.1	97.2	97.2	97.9	98.2	98.5
≥ 0	35.4	44.8	54.1	71.5	79.1	80.6	88.2	92.8	94.5	96.5	97.1	97.2	97.2	97.9	98.2	98.5

TOTAL NUMBER OF OBSERVATIONS 723

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 000BRIDGE RAF UK

74-83

WAS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-5000

CEILING FEET	VISIBILITY: STATUTE MILES															
	OR (HUNDREDS OF METERS)															
	210	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
> 10000	10.9	14.2	16.5	22.0	22.6	22.7	24.9	25.9	26.7	27.0	27.1	27.3	27.3	27.4	27.5	27.5
> 8000	12.8	17.7	20.3	27.0	27.6	27.8	32.6	32.2	32.9	33.6	33.7	33.9	33.9	34.0	34.2	34.2
> 6000	12.8	17.7	20.4	27.5	28.1	28.2	31.1	32.6	33.4	34.1	34.2	34.4	34.4	34.5	34.7	34.7
> 4000	12.8	17.7	20.4	27.5	28.1	28.2	31.1	32.6	33.4	34.1	34.2	34.4	34.4	34.5	34.7	34.7
> 2000	12.8	17.7	20.4	27.5	28.1	28.2	31.1	32.6	33.4	34.1	34.2	34.4	34.4	34.5	34.7	34.7
> 1000	13.7	18.6	21.5	29.6	29.6	29.7	32.6	34.4	35.1	35.8	35.9	36.1	36.1	36.2	36.4	36.4
> 800	14.3	19.3	22.5	29.6	30.6	30.8	33.7	35.5	36.2	36.9	37.0	37.2	37.2	37.3	37.5	37.5
> 600	16.9	22.6	26.5	34.5	36.1	36.6	40.1	42.2	43.0	43.9	44.0	44.1	44.1	44.3	44.5	44.5
> 400	17.5	23.2	27.3	35.6	37.2	37.7	41.2	43.3	44.1	45.0	45.1	45.2	45.2	45.4	45.6	45.7
> 200	17.8	23.6	27.6	35.9	37.5	38.0	41.7	43.8	44.6	45.5	45.6	45.7	45.8	46.0	46.2	46.3
> 100	18.8	24.9	29.1	37.5	39.1	39.6	43.5	45.7	46.7	47.9	48.0	48.2	48.3	48.5	48.8	48.9
> 50	19.1	25.3	29.5	37.9	39.5	40.0	43.9	46.1	47.1	48.3	48.4	48.5	48.7	48.9	49.1	49.3
> 25	20.8	27.9	32.9	42.5	44.6	45.1	49.1	52.1	53.2	54.5	54.6	54.8	54.9	55.3	55.5	55.6
> 10	22.2	30.4	35.3	45.4	47.9	48.4	52.9	55.7	57.1	58.6	58.8	59.0	59.2	59.7	59.9	60.0
> 5	24.1	33.5	38.9	50.1	52.7	53.4	57.8	60.9	62.2	63.8	64.1	64.3	64.4	64.9	65.2	65.3
> 2	24.4	34.0	39.4	50.7	53.5	54.3	58.7	61.7	63.4	65.0	65.3	65.6	65.8	66.3	66.5	66.6
> 1	25.4	35.5	41.3	53.7	57.0	58.8	63.3	66.6	68.5	70.2	70.4	70.8	70.9	71.4	71.6	71.8
> 0.5	25.4	35.6	41.4	54.0	58.3	59.2	63.9	67.1	68.9	70.7	70.9	71.3	71.4	71.9	72.1	72.2
> 0.25	26.0	36.6	42.7	55.6	60.0	61.0	66.0	69.3	71.1	72.9	73.1	73.5	73.6	74.1	74.3	74.4
> 0.1	26.4	37.2	43.5	57.7	63.1	64.4	69.9	73.3	75.3	77.0	77.3	77.6	77.8	78.2	78.5	78.6
> 0.05	26.9	38.0	44.7	60.4	66.1	67.5	73.3	77.0	79.1	80.8	81.1	81.4	81.7	82.2	82.4	82.5
> 0.025	26.9	38.0	44.7	60.4	66.5	67.8	73.7	77.4	79.5	81.2	81.4	81.9	82.2	82.6	82.9	83.0
> 0.01	26.9	38.0	44.9	61.2	67.5	68.8	74.9	78.6	80.7	82.6	82.9	83.5	83.7	84.2	84.5	84.6
> 0.005	27.1	38.3	45.4	62.3	68.8	70.3	76.8	80.8	83.1	85.1	85.3	85.9	86.2	86.7	86.9	87.0
> 0.0025	27.4	38.5	45.7	63.3	70.4	72.7	78.9	83.5	85.8	87.8	88.0	88.9	89.1	89.6	89.9	90.0
> 0.001	27.4	38.6	45.8	64.3	71.8	73.3	80.6	85.7	88.1	90.7	91.0	91.8	92.3	92.9	93.3	93.6
> 0.0005	27.4	38.8	46.0	64.4	72.0	73.6	80.8	86.1	88.5	91.4	91.9	93.0	93.5	94.1	94.5	94.9
> 0.00025	27.4	38.9	46.1	64.8	72.4	74.0	81.2	86.7	89.4	92.8	93.5	94.6	95.1	95.7	96.1	96.5
> 0.0001	27.4	38.9	46.1	64.8	72.4	74.0	81.2	86.8	89.6	93.3	94.1	95.6	96.5	97.8	98.2	99.6
> 0.00005	27.4	38.9	46.1	64.8	72.4	74.0	81.2	86.8	89.6	93.3	94.1	95.6	96.5	97.8	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 818

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35051 WOODBRIDGE RAF UK

74-87

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

327-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
NO. OF OBS.	5727	5293	4587	4662	4548	4543	4632	4624	4622	4616	4610	4610	4638	4630	4628	4628
20000	10.5	13.6	15.2	19.2	20.3	20.3	20.8	21.4	21.4	21.4	21.4	21.4	21.5	21.5	21.6	21.6
18000	13.9	18.5	20.3	25.7	27.3	27.4	28.4	29.7	29.2	29.3	29.3	29.4	29.4	29.5	29.5	29.5
16000	14.1	19.0	20.7	26.2	27.7	27.8	28.8	29.5	29.6	29.7	29.7	29.6	29.8	29.9	29.9	29.9
14000	14.1	19.1	20.7	26.2	27.7	27.8	28.8	29.5	29.6	29.7	29.7	29.6	29.8	29.9	29.9	29.9
12000	14.2	19.1	20.8	26.4	27.9	28.7	29.7	29.7	29.8	29.9	29.9	30.0	30.7	30.7	30.7	30.7
10000	14.7	19.8	21.6	27.3	28.9	29.0	30.7	30.7	30.9	30.9	30.9	31.0	31.0	31.2	31.2	31.2
8000	15.5	21.7	23.5	29.2	30.8	30.9	31.9	32.7	32.9	33.0	33.0	33.1	33.1	33.3	33.3	33.3
6000	16.3	22.6	24.5	30.2	31.8	31.9	32.9	33.7	33.9	34.0	34.0	34.1	34.1	34.3	34.3	34.3
4000	19.2	26.4	29.7	35.6	37.5	37.8	39.2	40.0	40.2	40.4	40.4	40.5	40.5	40.6	40.6	40.6
2000	19.5	26.7	29.4	36.1	38.0	38.4	39.8	40.7	41.0	41.2	41.2	41.4	41.4	41.5	41.5	41.5
1000	19.5	26.7	29.4	36.3	38.1	38.5	39.9	40.8	41.2	41.5	41.5	41.6	41.6	41.7	41.7	41.7
800	19.8	27.5	30.3	37.5	39.5	39.8	41.4	42.2	42.7	42.9	42.9	43.0	43.0	43.1	43.1	43.1
600	20.2	27.8	30.4	37.9	40.1	40.5	42.1	43.1	43.6	43.9	43.9	44.0	44.0	44.1	44.1	44.1
400	22.2	30.4	33.6	42.8	45.3	45.7	47.3	48.7	49.1	49.4	49.4	49.6	49.6	49.7	49.7	49.7
200	24.4	32.9	36.1	46.2	49.1	49.4	51.2	52.7	53.1	53.5	53.5	53.8	53.8	53.9	53.9	53.9
100	27.1	37.4	40.9	51.9	55.3	55.8	57.9	59.4	59.9	60.3	60.3	60.5	60.5	60.6	60.6	60.6
80	27.8	38.5	42.2	53.4	57.0	57.4	59.6	61.2	61.6	62.1	62.1	62.3	62.3	62.4	62.4	62.4
60	29.9	41.5	45.8	58.6	62.9	63.4	65.7	67.6	68.1	68.8	69.1	69.3	69.3	69.4	69.4	69.4
40	30.6	42.1	46.6	61.2	64.4	65.0	67.3	69.4	69.8	70.6	70.9	71.1	71.1	71.2	71.2	71.2
20	31.3	43.5	48.2	62.7	67.2	67.7	70.4	72.6	73.1	73.8	74.1	74.3	74.3	74.4	74.4	74.4
10	32.0	44.9	50.3	67.4	72.6	73.4	76.8	79.0	79.5	80.4	80.6	80.8	80.8	80.9	80.9	80.9
8	32.4	45.5	51.1	69.0	74.3	75.2	78.7	81.2	81.8	82.7	82.9	83.1	83.1	83.3	83.3	83.3
6	32.4	45.5	51.1	69.5	75.4	76.4	79.9	82.4	83.0	84.1	84.7	84.5	84.5	84.6	84.6	84.6
4	32.4	45.5	51.1	70.1	76.2	77.6	81.4	84.4	85.0	86.1	86.5	86.7	86.7	86.8	86.8	86.8
2	32.4	45.5	51.1	71.1	77.6	79.2	83.5	86.7	87.7	88.9	89.2	89.5	89.5	89.6	89.6	89.6
1	32.4	45.7	51.3	71.4	78.0	79.6	84.4	87.9	88.9	90.5	90.8	91.7	91.7	91.8	91.8	91.8
0.5	32.4	45.7	51.3	71.5	78.6	80.2	85.3	89.7	91.1	93.5	93.8	95.3	95.5	95.6	95.6	95.6
0.2	32.4	45.7	51.6	71.8	79.0	80.6	85.7	90.4	91.8	94.8	95.2	96.9	97.0	97.3	97.3	97.3
0.1	32.4	45.7	51.6	71.8	79.2	80.7	85.9	90.6	92.1	95.5	96.1	98.0	98.1	98.4	98.4	98.4
0.05	32.4	45.7	51.6	71.8	79.2	80.7	85.9	90.6	92.2	95.6	96.6	98.8	99.0	99.6	99.6	99.6
0.02	32.4	45.7	51.6	71.8	79.2	80.7	85.9	90.6	92.2	95.6	96.6	98.8	99.0	99.6	99.6	99.9
0.01	32.4	45.7	51.6	71.8	79.2	80.7	85.9	90.6	92.2	95.6	96.6	98.8	99.0	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

74-22

15-5-1725

TOTAL NUMBER OF OBSERVATIONS 971

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION WOODBRIDGE RAF UK

74-87

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 7-2-50

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																			
	2 1/2	3	4	5	6	7	8	9	10	12	15	20	25	30	40	50	60	70	80	90
1000	25.3	27.7	29.7	34.1	34.8	36.2	37.1	38.4	38.9	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
800	27.3	30.8	32.8	37.7	38.8	40.1	41.1	42.6	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
600	27.3	30.8	32.8	37.7	38.8	40.1	41.1	42.6	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
400	27.3	30.8	32.8	37.7	38.8	40.1	41.1	42.6	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
200	27.8	31.3	33.7	38.2	39.2	40.7	41.7	43.2	43.6	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
100	28.6	32.5	34.5	39.7	40.8	42.5	43.5	45.2	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
80	28.8	32.8	34.7	39.9	41.0	42.7	43.7	45.4	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
60	31.0	36.5	39.5	44.7	45.0	47.7	48.9	50.6	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
40	32.4	37.2	39.3	45.6	47.0	48.9	50.7	52.7	52.4	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
20	32.9	37.6	39.8	46.6	47.8	49.7	51.1	52.8	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
10	34.5	39.4	41.7	48.8	50.2	52.1	53.8	55.5	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
5	34.9	40.1	42.4	49.5	51.0	52.9	54.7	56.4	56.8	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
2 1/2	35.5	41.9	44.5	52.7	54.1	56.2	57.9	59.8	60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
1 1/2	36.6	44.2	46.7	55.8	57.7	59.7	61.5	63.4	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
3/4	41.9	48.1	51.5	61.4	63.7	65.6	67.8	69.8	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
1/2	42.7	49.3	52.0	63.2	66.2	68.1	70.7	72.8	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
1/4	44.1	51.5	55.9	67.6	71.4	73.3	76.7	79.1	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
1/8	44.1	51.5	56.7	67.7	71.6	73.6	77.3	79.7	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
1/16	44.2	51.6	56.3	68.8	73.7	74.9	78.6	81.1	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
1/32	44.7	53.0	57.7	71.5	76.8	78.9	83.1	86.3	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
1/64	44.9	53.3	58.2	72.2	78.9	81.0	85.5	88.8	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
1/128	44.9	53.3	58.3	73.7	80.4	81.6	86.2	89.5	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
1/256	45.7	53.6	58.6	74.5	81.1	83.3	88.4	91.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
1/512	45.1	53.7	58.8	75.7	81.9	84.1	89.2	92.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
1/1024	45.1	53.7	58.8	75.5	82.8	85.1	90.4	94.2	95.6	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
1/2048	45.1	53.7	58.9	75.7	83.2	85.4	90.7	94.7	96.0	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
1/4096	45.1	53.7	58.9	75.7	83.3	85.5	91.1	95.4	96.7	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
1/8192	45.1	53.7	58.9	75.7	83.3	85.5	91.1	95.7	97.1	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1/16384	45.1	53.7	58.9	75.7	83.3	85.5	91.1	95.7	97.1	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS 685

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

70051 00003RIDGE RAF IN

74-27

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

ALL

OF (HUNDREDS OF METERS)																				
	GT9	GF9	GF8	GF6	GF4E	GF4D	GF32	GF4	GF22	GF16	GF12	GF1	GF.3	GF.5	GF.4	GF.1				
1000	18.7	19.1	21.4	25.5	26.4	26.7	28.7	24.6	28.8	29.0	29.1	24.2	24.2	27.7	29.7	29.3				
900	16.7	22.8	25.4	31.4	31.6	32.1	33.7	34.6	34.9	35.2	35.7	35.7	35.3	35.4	35.4	35.5				
800	18.9	23.0	25.6	31.6	31.9	32.4	34.1	34.9	35.2	35.5	35.6	35.6	35.6	35.7	35.8	35.8				
700	14.8	23.0	25.6	32.0	31.9	32.4	34.1	34.9	35.2	35.5	35.6	35.6	35.6	35.7	35.8	35.8				
600	16.8	23.1	25.6	30.7	31.9	32.4	34.1	35.0	35.3	35.5	35.6	35.7	35.7	35.8	35.8	35.9				
500	19.2	23.5	26.7	31.2	32.5	33.1	34.7	35.6	35.9	36.2	36.2	36.2	36.3	36.4	36.4	36.5				
400	27.1	24.5	27.6	32.7	34.1	34.7	36.3	37.3	37.4	37.9	38.7	38.7	39.1	39.1	39.2	39.2				
300	22.7	25.5	29.7	33.6	35.7	35.6	37.7	39.2	39.5	39.8	39.9	39.9	39.9	39.9	39.9	39.9				
200	23.3	26.8	32.1	39.2	39.8	40.5	42.4	43.4	43.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7				
100	23.9	29.5	37.2	32.4	41.2	41.9	43.8	44.9	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5				
000	24.1	29.7	37.2	39.8	41.5	42.2	44.2	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5				
900	25.4	31.3	34.8	41.8	43.7	44.4	46.5	47.6	48.7	48.4	48.5	48.5	48.5	48.5	48.5	48.5				
800	26.1	32.1	35.7	42.7	44.7	45.4	47.6	48.7	49.1	49.5	49.6	49.7	49.7	49.7	49.7	49.7				
700	25.2	34.8	39.3	47.1	49.2	49.9	52.2	53.6	54.7	54.5	54.6	54.6	54.7	54.7	54.7	54.7				
600	27.7	37.6	41.8	51.0	53.5	54.2	56.5	58.0	58.4	58.9	59.7	59.1	59.1	59.3	59.3	59.4				
500	34.2	42.8	47.8	58.0	60.9	61.7	64.4	65.9	66.4	66.9	67.7	67.1	67.1	67.7	67.7	67.7				
400	34.8	43.8	49.7	59.5	67.8	63.6	66.3	67.9	68.4	68.9	69.7	69.1	69.7	69.3	69.4	69.4				
300	36.4	46.2	52.7	64.2	68.2	69.7	72.2	74.1	74.6	75.2	75.4	75.5	75.5	75.6	75.7	75.7				
200	36.6	46.6	52.4	64.9	69.1	70.0	73.3	75.3	75.8	76.4	76.5	76.7	76.7	76.8	76.9	76.9				
100	37.0	47.5	53.5	66.8	71.3	72.3	75.7	77.7	78.3	78.9	79.1	79.2	79.2	79.3	79.4	79.4				
000	37.6	48.6	55.2	70.3	75.8	76.9	80.7	83.2	83.8	84.4	84.6	84.7	84.7	84.7	84.7	84.7				
900	37.9	49.2	56.4	72.0	77.9	79.0	83.1	85.7	86.4	87.0	87.1	87.2	87.3	87.4	87.5	87.5				
800	37.9	49.2	56.4	72.3	78.4	79.6	83.8	86.4	87.2	87.8	88.7	88.1	88.1	88.7	88.7	88.7				
700	37.9	49.3	56.1	72.8	79.1	80.4	84.9	87.7	88.6	89.4	89.6	89.7	89.8	89.9	89.9	89.9				
600	38.0	49.4	56.3	73.5	80.2	81.6	86.4	89.4	90.5	91.4	91.6	91.8	91.8	91.9	91.9	91.9				
500	38.1	49.5	56.5	74.0	80.9	82.3	87.4	90.7	91.9	92.9	93.1	93.4	93.5	93.6	93.7	93.7				
400	38.1	49.6	56.6	74.6	81.9	83.4	88.7	92.3	93.7	95.0	95.3	95.8	95.9	96.0	96.1	96.2				
300	38.1	49.6	56.7	74.7	82.2	83.7	89.1	92.9	94.3	95.8	96.2	96.7	96.8	97.0	97.1	97.1				
200	38.1	49.7	56.7	74.8	82.4	83.9	89.3	93.3	94.0	96.7	97.2	97.8	97.9	98.1	98.2	98.4				
100	38.1	49.7	56.7	74.8	82.4	83.8	89.4	93.4	95.1	97.0	97.5	98.2	98.4	98.9	99.1	99.2				
000	38.1	49.7	56.7	74.8	82.4	83.8	89.4	93.4	95.1	97.0	97.6	98.2	98.5	99.0	99.2	99.9				
	38.1	49.7	56.7	74.8	82.4	83.8	89.4	93.4	95.1	97.0	97.6	98.2	98.5	99.0	99.2	99.9				

TOTAL NUMBER OF OBSERVATIONS 679

CEILING VERSUS VISIBILITY

4-75,23-24

— — — — —

TOTAL NUMBER OF OBSERVATIONS 10

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

UNITED STATES AIR FORCE
 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME: WOODBRIDGE DAF, VA

74-007

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1977-1978

		CEILING (HUNDREDS OF FEET)																							
		26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72
1000	14.4	17.7	21.4	25.0	28.6	32.2	35.8	39.4	43.0	46.6	50.2	53.8	57.4	61.0	64.6	68.2	71.8	75.4	79.0	82.6	86.2	89.8	93.4	97.0	100.6
900	16.5	20.2	24.1	27.8	31.5	35.2	38.9	42.6	46.3	50.0	53.7	57.4	61.1	64.8	68.5	72.2	75.9	79.6	83.3	87.0	90.7	94.4	98.1	101.8	
800	16.5	20.3	24.0	27.9	31.6	35.3	39.0	42.7	46.4	50.1	53.8	57.5	61.2	64.9	68.6	72.3	76.0	79.7	83.4	87.1	90.8	94.5	98.2	101.9	
700	16.5	20.3	24.0	28.0	31.7	35.4	39.1	42.8	46.5	50.2	53.9	57.6	61.3	65.0	68.7	72.4	76.1	79.8	83.5	87.2	90.9	94.6	98.3	102.0	
600	16.6	20.3	24.0	28.1	31.8	35.5	39.2	42.9	46.6	50.3	54.0	57.7	61.4	65.1	68.8	72.5	76.2	79.9	83.6	87.3	91.0	94.7	98.4	102.1	
500	16.6	20.3	24.0	28.2	31.9	35.6	39.3	43.0	46.7	50.4	54.1	57.8	61.5	65.2	68.9	72.6	76.3	80.0	83.7	87.4	91.1	94.8	98.5	102.2	
400	16.6	20.3	24.0	28.3	32.0	35.7	39.4	43.1	46.8	50.5	54.2	57.9	61.6	65.3	69.0	72.7	76.4	80.1	83.8	87.5	91.2	94.9	98.6	102.3	
300	16.6	20.3	24.0	28.4	32.1	35.8	39.5	43.2	46.9	50.6	54.3	58.0	61.7	65.4	69.1	72.8	76.5	80.2	83.9	87.6	91.3	95.0	98.7	102.4	
200	16.6	20.3	24.0	28.5	32.2	35.9	39.6	43.3	47.0	50.7	54.4	58.1	61.8	65.5	69.2	72.9	76.6	80.3	84.0	87.7	91.4	95.1	98.8	102.5	
100	16.6	20.3	24.0	28.6	32.3	36.0	39.7	43.4	47.1	50.8	54.5	58.2	61.9	65.6	69.3	73.0	76.7	80.4	84.1	87.8	91.5	95.2	98.9	102.6	
0	16.6	20.3	24.0	28.7	32.4	36.1	39.8	43.5	47.2	50.9	54.6	58.3	62.0	65.7	69.4	73.1	76.8	80.5	84.2	87.9	91.6	95.3	99.0	102.7	
1000	17.4	21.3	25.7	30.2	34.7	39.2	43.7	48.2	52.7	57.2	61.7	66.2	70.7	75.2	79.7	84.2	88.7	93.2	97.7	102.2	106.7	111.2	115.7	120.2	
900	17.5	21.5	25.9	30.4	34.9	39.4	43.9	48.4	52.9	57.4	61.9	66.4	70.9	75.4	79.9	84.4	88.9	93.4	97.9	102.4	106.9	111.4	115.9	120.4	
800	17.5	21.5	25.9	30.5	35.0	39.5	44.0	48.5	53.0	57.5	62.0	66.5	71.0	75.5	80.0	84.5	89.0	93.5	98.0	102.5	107.0	111.5	116.0	120.5	
700	17.5	21.5	25.9	30.6	35.1	39.6	44.1	48.6	53.1	57.6	62.1	66.6	71.1	75.6	80.1	84.6	89.1	93.6	98.1	102.6	107.1	111.6	116.1	120.6	
600	17.5	21.5	25.9	30.7	35.2	39.7	44.2	48.7	53.2	57.7	62.2	66.7	71.2	75.7	80.2	84.7	89.2	93.7	98.2	102.7	107.2	111.7	116.2	120.7	
500	17.5	21.5	25.9	30.8	35.3	39.8	44.3	48.8	53.3	57.8	62.3	66.8	71.3	75.8	80.3	84.8	89.3	93.8	98.3	102.8	107.3	111.8	116.3	120.8	
400	17.5	21.5	25.9	30.9	35.4	39.9	44.4	48.9	53.4	57.9	62.4	66.9	71.4	75.9	80.4	84.9	89.4	93.9	98.4	102.9	107.4	111.9	116.4	120.9	
300	17.5	21.5	25.9	31.0	35.5	40.0	44.5	49.0	53.5	58.0	62.5	67.0	71.5	76.0	80.5	85.0	89.5	94.0	98.5	103.0	107.5	112.0	116.5	121.0	
200	17.5	21.5	25.9	31.1	35.6	40.1	44.6	49.1	53.6	58.1	62.6	67.1	71.6	76.1	80.6	85.1	89.6	94.1	98.6	103.1	107.6	112.1	116.6	121.1	
100	17.5	21.5	25.9	31.2	35.7	40.2	44.7	49.2	53.7	58.2	62.7	67.2	71.7	76.2	80.7	85.2	89.7	94.2	98.7	103.2	107.7	112.2	116.7	121.2	
0	17.5	21.5	25.9	31.3	35.8	40.3	44.8	49.3	53.8	58.3	62.8	67.3	71.8	76.3	80.8	85.3	89.8	94.3	98.8	103.3	107.8	112.3	116.8	121.3	
1000	18.3	22.4	27.4	32.5	37.6	42.7	47.8	52.9	58.0	63.1	68.2	73.3	78.4	83.5	88.6	93.7	98.8	103.9	109.0	114.1	119.2	124.3	129.4	134.5	
900	18.4	22.5	27.5	32.6	37.7	42.8	47.9	53.0	58.1	63.2	68.3	73.4	78.5	83.6	88.7	93.8	98.9	104.0	109.1	114.2	119.3	124.4	129.5	134.6	
800	18.4	22.5	27.5	32.7	37.8	42.9	48.0	53.1	58.2	63.3	68.4	73.5	78.6	83.7	88.8	93.9	99.0	104.1	109.2	114.3	119.4	124.5	129.6	134.7	
700	18.4	22.5	27.5	32.8	37.9	43.0	48.1	53.2	58.3	63.4	68.5	73.6	78.7	83.8	88.9	94.0	99.1	104.2	109.3	114.4	119.5	124.6	129.7	134.8	
600	18.4	22.5	27.5	32.9	38.0	43.1	48.2	53.3	58.4	63.5	68.6	73.7	78.8	83.9	89.0	94.1	99.2	104.3	109.4	114.5	119.6	124.7	129.8	134.9	
500	18.4	22.5	27.5	33.0	38.1	43.2	48.3	53.4	58.5	63.6	68.7	73.8	78.9	84.0	89.1	94.2	99.3	104.4	109.5	114.6	119.7	124.8	129.9	135.0	
400	18.4	22.5	27.5	33.1	38.2	43.3	48.4	53.5	58.6	63.7	68.8	73.9	79.0	84.1	89.2	94.3	99.4	104.5	109.6	114.7	119.8	124.9	130.0	135.1	
300	18.4	22.5	27.5	33.2	38.3	43.4	48.5	53.6	58.7	63.8	68.9	74.0	79.1	84.2	89.3	94.4	99.5	104.6	109.7	114.8	119.9	125.0	130.1	135.2	
200	18.4	22.5	27.5	33.3	38.4	43.5	48.6	53.7	58.8	63.9	69.0	74.1	79.2	84.3	89.4	94.5	99.6	104.7	109.8	114.9	120.0	125.1	130.2	135.3	
100	18.4	22.5	27.5	33.4	38.5	43.6	48.7	53.8	58.9	64.0	69.1	74.2	79.3	84.4	89.5	94.6	99.7	104.8	109.9	115.0	120.1	125.2	130.3	135.4	
0	18.4	22.5	27.5	33.5	38.6	43.7	48.8	53.9	59.0	64.1	69.2	74.3	79.4	84.5	89.6	94.7	99.8	104.9	110.0	115.1	120.2	125.3	130.4	135.5	

TOTAL NUMBER OF OBSERVATIONS 797

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19451 ADDORIDGE RAF UK STATION NAME

14-52 TIME

ABZ

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1945-1946

VISIBILITY	VISIBILITY - STATUTE MILES															
	200	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	19.1	18.2	17.5	16.8	16.2	15.6	15.0	14.4	13.8	13.2	12.6	12.0	11.4	10.8	10.2	9.6
900	14.2	13.7	13.2	12.7	12.2	11.7	11.2	10.7	10.2	9.7	9.2	8.7	8.2	7.7	7.2	6.7
800	15.6	15.3	15.0	14.7	14.4	14.1	13.8	13.5	13.2	12.9	12.6	12.3	12.0	11.7	11.4	11.1
700	15.6	15.3	15.0	14.7	14.4	14.1	13.8	13.5	13.2	12.9	12.6	12.3	12.0	11.7	11.4	11.1
600	15.6	15.3	15.0	14.7	14.4	14.1	13.8	13.5	13.2	12.9	12.6	12.3	12.0	11.7	11.4	11.1
500	15.6	15.3	15.0	14.7	14.4	14.1	13.8	13.5	13.2	12.9	12.6	12.3	12.0	11.7	11.4	11.1
400	15.6	15.3	15.0	14.7	14.4	14.1	13.8	13.5	13.2	12.9	12.6	12.3	12.0	11.7	11.4	11.1
300	15.6	15.3	15.0	14.7	14.4	14.1	13.8	13.5	13.2	12.9	12.6	12.3	12.0	11.7	11.4	11.1
200	15.6	15.3	15.0	14.7	14.4	14.1	13.8	13.5	13.2	12.9	12.6	12.3	12.0	11.7	11.4	11.1
100	15.6	15.3	15.0	14.7	14.4	14.1	13.8	13.5	13.2	12.9	12.6	12.3	12.0	11.7	11.4	11.1
50	15.6	15.3	15.0	14.7	14.4	14.1	13.8	13.5	13.2	12.9	12.6	12.3	12.0	11.7	11.4	11.1
25	15.6	15.3	15.0	14.7	14.4	14.1	13.8	13.5	13.2	12.9	12.6	12.3	12.0	11.7	11.4	11.1
12	15.6	15.3	15.0	14.7	14.4	14.1	13.8	13.5	13.2	12.9	12.6	12.3	12.0	11.7	11.4	11.1
6	15.6	15.3	15.0	14.7	14.4	14.1	13.8	13.5	13.2	12.9	12.6	12.3	12.0	11.7	11.4	11.1
3	15.6	15.3	15.0	14.7	14.4	14.1	13.8	13.5	13.2	12.9	12.6	12.3	12.0	11.7	11.4	11.1
1	15.6	15.3	15.0	14.7	14.4	14.1	13.8	13.5	13.2	12.9	12.6	12.3	12.0	11.7	11.4	11.1
0	15.6	15.3	15.0	14.7	14.4	14.1	13.8	13.5	13.2	12.9	12.6	12.3	12.0	11.7	11.4	11.1

TOTAL NUMBER OF OBSERVATIONS 156

USAF ETAC 0-14-5 (CL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

APC

200-1177

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: WOODBRIDGE RAF, UK

YEAR: 74-87

PERIOD: 1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY: STATUTE MILES																OR (IN HUNDREDS OF METERS)													
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	10.0
1- 20000	61.9	52.9	68.7	65.5	65.4	67.7	67.3	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
2- 18000	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
3- 16000	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
4- 14000	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
5- 12000	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
6- 10000	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
7- 8000	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
8- 6000	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
9- 4000	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
10- 3000	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
11- 2000	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
12- 1800	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
13- 1600	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
14- 1400	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
15- 1200	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
16- 1000	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
17- 800	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
18- 600	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
19- 400	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
20- 200	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
21- 100	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
22- 50	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
23- 25	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
24- 10	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
25- 5	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
26- 2	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
27- 1	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
28- 0	22.7	24.9	26.3	32.3	34.4	34.5	35.4	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9

TOTAL NUMBER OF OBSERVATIONS: 899

USAF ETAC 0-14-5 (DL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21251 WOODBRIDGE RAF JK

74-37

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1120-1700

ELEVATION FEET	VISIBILITY STATUTE MILES															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5
1 000	18.9	21.7	23.9	26.3	31.9	35.9	31.2	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
2 000	25.1	28.9	31.3	37.2	42.7	45.7	41.0	41.9	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8
3 000	25.6	29.3	32.0	37.9	41.3	41.4	41.8	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
4 000	25.6	29.3	32.1	38.0	41.4	41.6	41.9	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
5 000	25.7	29.4	32.2	38.2	41.8	41.9	42.2	43.1	43.7	43.2	43.2	43.2	43.2	43.2	43.2	43.2
6 000	26.4	30.3	33.1	39.4	43.0	43.1	43.4	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
7 000	27.7	31.0	33.9	40.3	44.1	44.2	44.7	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
8 000	29.6	34.4	39.8	44.8	49.2	49.3	49.8	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
9 000	29.8	34.8	39.8	45.7	51.1	51.2	51.7	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
10 000	29.8	34.8	39.8	45.8	51.2	51.3	51.8	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
11 000	31.2	36.4	41.2	48.6	53.1	53.2	53.7	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8
12 000	32.5	38.7	43.9	51.4	56.0	56.1	56.6	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
13 000	36.8	43.8	49.4	57.4	62.9	63.0	63.4	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6
14 000	41.7	49.6	55.9	64.6	71.1	71.2	71.7	71.6	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0
15 000	46.4	56.9	63.6	73.0	78.7	78.8	79.6	81.7	81.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1
16 000	49.4	58.1	65.3	74.9	80.6	80.7	81.4	82.6	82.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
17 000	51.9	61.9	70.1	80.9	86.6	86.7	87.6	88.7	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1
18 000	52.0	62.0	71.3	81.2	86.9	87.0	87.9	89.0	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4
19 000	52.9	63.0	71.8	83.4	89.2	89.3	90.7	91.3	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8
20 000	53.1	63.4	72.2	84.6	91.3	91.6	92.6	94.0	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
21 000	53.2	63.7	72.9	85.9	93.1	93.3	94.3	95.8	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
22 000	53.2	63.7	72.8	85.9	93.3	93.6	94.6	96.2	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8
23 000	53.2	63.8	72.9	86.2	94.1	94.4	95.6	97.2	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8
24 000	53.2	63.8	72.9	86.3	94.3	94.7	95.9	97.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
25 000	53.2	63.8	72.9	86.3	94.7	95.0	96.2	98.0	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
26 000	53.2	63.8	72.9	86.3	94.9	95.2	96.6	98.4	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
27 000	53.2	63.8	72.9	86.3	95.1	95.4	96.9	99.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
28 000	53.2	63.8	72.9	86.3	95.1	95.4	96.8	99.1	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9
29 000	53.2	63.8	72.9	86.3	95.1	95.4	96.8	99.1	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30 000	53.2	63.8	72.9	86.3	95.1	95.4	96.8	99.1	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC D-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35051 0000RIDGE RAF 4

74-97

APC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1970-1979

ELEVATION FEET	VISIBILITY - STATUTE MILES															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
20000	27.1	30.2	32.7	35.6	39.2	43.4	47.4	51.0	54.7	58.6	62.6	66.7	70.7	74.7	78.7	82.7
18000	27.9	30.1	32.1	34.8	38.4	42.4	46.4	50.4	54.4	58.4	62.4	66.4	70.4	74.4	78.4	82.4
16000	31.1	35.3	38.7	42.0	45.0	48.8	52.4	56.0	59.6	63.2	66.8	70.4	74.0	77.6	81.2	84.8
14000	31.1	35.3	38.7	42.0	45.0	48.8	52.4	56.0	59.6	63.2	66.8	70.4	74.0	77.6	81.2	84.8
12000	31.2	35.4	38.4	42.1	45.1	48.9	52.3	55.7	59.1	62.5	65.9	69.3	72.7	76.1	79.5	82.9
10000	31.3	35.7	38.7	42.3	45.3	49.1	52.5	55.9	59.3	62.7	66.1	69.5	72.9	76.3	79.7	83.1
8000	32.3	36.8	39.8	44.0	47.1	50.9	54.4	57.8	61.2	64.6	68.0	71.4	74.8	78.2	81.6	85.0
6000	35.3	40.2	43.9	49.2	52.9	56.6	60.3	63.9	67.6	71.2	74.8	78.4	82.0	85.6	89.2	92.8
4000	36.4	41.3	45.6	51.1	54.8	58.6	62.3	66.0	69.7	73.4	77.1	80.8	84.5	88.2	91.9	95.6
2000	38.6	43.6	48.0	53.8	57.7	61.6	65.5	69.4	73.3	77.2	81.1	85.0	88.9	92.8	96.7	100.6
1000	39.2	44.2	48.8	54.6	58.4	62.3	66.1	69.9	73.7	77.5	81.3	85.1	88.9	92.7	96.5	100.3
500	41.9	48.1	52.9	59.9	64.0	68.0	72.0	76.0	80.0	84.0	88.0	92.0	96.0	100.0	104.0	108.0
200	44.6	51.7	57.2	65.3	69.4	73.4	77.3	81.3	85.3	89.3	93.3	97.3	101.3	105.3	109.3	113.3
100	49.3	57.3	63.3	72.1	76.3	80.3	84.3	88.3	92.3	96.3	100.3	104.3	108.3	112.3	116.3	120.3
50	51.6	60.1	66.1	76.3	81.3	85.3	89.3	93.3	97.3	101.3	105.3	109.3	113.3	117.3	121.3	125.3
20	52.3	60.7	67.1	77.3	82.3	86.3	90.3	94.3	98.3	102.3	106.3	110.3	114.3	118.3	122.3	126.3
10	52.6	61.6	68.3	78.3	83.4	87.4	91.4	95.4	99.4	103.4	107.4	111.4	115.4	119.4	123.4	127.4
5	53.1	62.3	69.1	80.4	86.9	90.9	94.9	98.9	102.9	106.9	110.9	114.9	118.9	122.9	126.9	130.9
2	53.1	62.3	69.1	80.4	86.9	90.9	94.9	98.9	102.9	106.9	110.9	114.9	118.9	122.9	126.9	130.9
1	53.1	62.3	69.1	80.4	86.9	90.9	94.9	98.9	102.9	106.9	110.9	114.9	118.9	122.9	126.9	130.9
0	53.1	62.3	69.1	80.4	86.9	90.9	94.9	98.9	102.9	106.9	110.9	114.9	118.9	122.9	126.9	130.9

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 55951 40088 RIDGE RAF UK

74-87

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

11-2-2370

CEILING FEET	VISIBILITY STATUTE MILES OR (IN NUMBERS OF METERS)															
	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950
20000	30.9	35.5	39.1	41.3	43.2	43.6	44.7	45.7	45.9	46.3	46.5	46.6	46.6	46.6	46.6	46.8
20000	33.2	36.2	41.7	45.0	47.7	48.2	49.4	50.4	50.6	50.9	51.2	51.3	51.3	51.3	51.3	51.5
20000	33.3	36.3	41.1	45.1	47.8	48.3	49.5	50.5	50.7	51.1	51.3	51.4	51.4	51.4	51.4	51.6
20000	33.3	36.3	41.1	45.1	47.8	48.3	49.5	50.5	50.7	51.1	51.3	51.4	51.4	51.4	51.4	51.6
20000	33.3	36.3	41.1	45.1	47.8	48.3	49.5	50.5	50.7	51.1	51.3	51.4	51.4	51.4	51.4	51.6
20000	34.2	39.3	42.2	46.3	49.1	49.5	50.8	51.8	52.1	52.5	52.7	52.8	52.8	52.8	52.9	53.1
20000	34.3	39.4	42.3	46.9	49.7	50.2	51.5	52.5	52.7	53.3	53.5	53.6	53.6	53.6	53.6	53.9
20000	35.9	42.2	45.1	51.4	53.7	54.4	55.2	57.3	57.5	58.2	58.4	58.5	58.5	58.5	58.5	58.8
20000	36.9	43.5	46.7	52.1	55.4	56.1	57.9	59.9	59.2	59.9	60.1	60.2	60.2	60.2	60.2	60.4
20000	37.1	43.7	46.9	52.3	55.6	56.3	58.1	59.2	59.4	60.1	60.7	60.4	60.4	60.4	60.4	60.7
20000	38.5	45.6	49.5	55.2	58.5	59.2	61.7	62.1	62.3	63.7	63.2	63.4	63.4	63.4	63.4	63.6
20000	39.2	46.6	50.7	56.2	59.6	60.2	62.7	63.1	63.4	64.0	64.2	64.4	64.4	64.4	64.4	64.6
20000	40.4	48.3	52.7	58.9	62.2	63.0	64.9	66.1	66.4	67.0	67.3	67.4	67.4	67.4	67.4	67.6
20000	41.8	49.9	54.7	61.2	64.6	65.4	67.3	68.5	68.7	69.4	69.6	69.7	69.7	69.7	69.7	69.9
20000	44.2	53.9	58.8	67.0	71.5	71.4	73.3	74.6	75.7	75.6	75.9	76.7	76.7	76.7	76.7	76.2
20000	45.3	54.2	59.2	67.8	71.3	72.2	74.1	75.4	75.8	76.4	76.6	76.8	76.8	76.8	76.8	77.7
20000	47.5	56.9	62.3	72.1	76.1	77.1	79.4	80.9	81.2	81.9	82.1	82.2	82.2	82.2	82.2	82.5
20000	47.7	57.2	62.9	72.8	77.7	78.0	80.6	82.0	82.3	83.0	83.2	83.4	83.4	83.4	83.4	83.6
20000	48.4	58.2	64.7	74.0	78.1	79.1	81.8	83.2	83.6	84.2	84.5	84.6	84.6	84.6	84.6	84.8
20000	49.2	59.1	65.3	75.3	79.8	80.8	84.1	85.8	86.1	86.8	87.7	87.2	87.2	87.2	87.2	87.4
20000	49.8	60.3	66.6	77.1	81.8	82.8	86.3	88.2	88.5	89.2	89.4	89.5	89.5	89.5	89.5	89.7
20000	49.8	60.3	66.3	77.2	81.9	82.9	86.5	88.4	88.7	89.4	89.6	89.7	89.7	89.7	89.7	89.9
20000	49.9	60.6	67.7	77.5	83.7	84.0	87.6	90.5	90.8	91.5	91.7	91.8	91.8	91.8	91.8	92.1
20000	49.9	60.6	67.7	78.2	84.0	85.0	89.1	92.0	92.3	93.1	93.3	93.4	93.4	93.4	93.4	93.6
20000	49.9	60.6	67.2	78.7	84.7	85.8	90.2	93.1	94.7	94.7	95.7	95.1	95.1	95.1	95.1	95.7
20000	49.9	60.6	67.2	78.9	85.3	86.4	90.8	93.7	94.6	95.4	95.6	95.8	95.8	95.8	95.8	96.7
20000	49.9	60.7	67.3	79.1	85.7	86.8	91.4	94.4	95.4	96.2	96.4	96.5	96.5	96.5	96.5	97.7
20000	49.9	60.7	67.3	79.1	85.7	86.8	91.6	95.0	96.4	97.2	97.4	97.7	97.7	97.7	97.9	98.2
20000	49.9	60.7	67.3	79.1	85.7	86.8	91.6	95.1	96.5	97.4	97.8	98.2	98.3	98.7	98.7	99.3
20000	49.9	60.7	67.3	79.1	85.7	86.8	91.6	95.1	96.5	97.4	97.8	98.2	98.3	99.7	99.1	100.0
20000	49.9	60.7	67.3	79.1	85.7	86.8	91.6	95.1	96.5	97.4	97.8	98.2	98.3	99.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 895

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

735251 WOODBRIDGE RAF UK

74-87

AR2

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES OR HUNDREDS OF METERS																							
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4
10000	19.9	24.1	26.1	31.7	32.8	73.1	34.2	34.9	35.7	35.4	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
8000	22.8	27.8	31.7	35.6	38.2	38.6	39.9	40.6	40.9	41.2	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
6000	23.1	28.0	30.3	35.9	38.5	38.9	40.7	41.0	41.3	41.7	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
4000	23.1	28.0	30.3	35.9	38.6	39.3	40.3	41.1	41.4	41.8	41.9	42.0	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
2000	23.2	28.1	30.4	36.1	38.8	39.2	40.5	41.4	41.6	42.0	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
1000	24.1	29.1	31.5	37.5	40.4	40.8	42.1	42.9	43.2	43.6	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
500	24.4	29.6	32.0	38.3	41.3	41.7	43.1	43.9	44.2	44.6	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
400	26.3	32.3	35.2	42.5	46.2	46.7	49.3	49.1	49.4	49.9	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
300	26.9	33.1	36.3	43.6	47.6	48.1	49.8	50.7	51.0	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
200	27.1	33.2	36.4	44.1	47.8	48.3	49.9	50.8	51.1	51.6	51.7	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
100	28.5	35.1	38.6	46.6	51.5	51.7	52.7	53.6	53.9	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
50	29.4	36.3	40.1	48.3	52.3	52.8	54.5	55.5	55.8	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
30	31.9	39.5	43.5	52.8	57.2	57.8	59.7	60.8	61.2	61.8	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
20	34.8	43.0	47.4	57.4	61.8	62.4	64.4	65.5	65.9	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
10	39.3	48.4	53.4	64.2	68.8	69.5	71.5	72.9	73.2	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
5	41.1	49.5	54.6	65.8	70.6	71.2	73.3	74.7	75.0	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
2	42.8	53.0	58.6	70.8	76.1	76.8	79.7	80.5	80.9	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
1	43.3	53.3	59.0	71.4	76.7	77.4	79.8	81.2	81.6	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
0	43.9	54.6	60.6	73.4	78.9	79.6	82.0	83.6	84.0	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
0	44.8	55.9	62.1	76.0	82.0	82.7	85.3	87.1	87.5	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
0	45.1	56.3	62.7	77.2	83.3	84.1	86.9	88.7	89.1	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
0	45.0	56.4	62.9	77.4	83.9	84.7	87.5	89.4	89.8	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
0	45.1	56.5	63.2	77.9	84.7	85.5	88.5	90.5	90.9	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
0	45.2	56.6	63.2	78.4	85.5	86.3	89.5	91.7	92.2	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
0	45.2	56.7	63.2	78.6	86.0	86.9	90.3	92.7	93.2	94.4	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
0	45.2	56.7	63.3	78.8	86.3	87.2	90.8	93.2	94.0	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
0	45.2	56.8	63.4	78.9	86.5	87.4	91.2	93.8	94.7	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
0	45.2	56.8	63.4	78.9	86.6	87.5	91.3	94.1	95.3	96.9	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
0	45.2	56.8	63.4	78.9	86.6	87.5	91.3	94.2	95.4	97.2	97.5	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0	45.2	56.8	63.4	78.9	86.6	87.5	91.3	94.2	95.4	97.2	97.5	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 6985

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

175051 200BRIDGE RAF UK

74-75-78-87

DAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

117-000

CEILING FEET	VISIBILITY STATISTICALS OR (HUNDREDS OF METERS)																			
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.2	1.5	2.0	2.5	3.0	4.0	5.0	6.0	8.0	10.0
200	23.7	37.1	39.4	47.1	49.5	55.7	53.7	53.7	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
100	31.2	41.1	43.6	51.7	54.3	55.5	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
50	31.2	41.1	43.6	51.7	54.3	55.5	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
25	31.2	41.1	43.6	51.7	54.3	55.5	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
15	31.2	41.1	43.6	51.7	54.3	55.5	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
10	31.2	41.1	43.6	51.7	54.3	55.5	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
5	31.2	41.1	43.6	51.7	54.3	55.5	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
2	31.2	41.1	43.6	51.7	54.3	55.5	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
1	31.2	41.1	43.6	51.7	54.3	55.5	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
0.5	31.2	41.1	43.6	51.7	54.3	55.5	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
0.2	31.2	41.1	43.6	51.7	54.3	55.5	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
0.1	31.2	41.1	43.6	51.7	54.3	55.5	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
0.05	31.2	41.1	43.6	51.7	54.3	55.5	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
0.02	31.2	41.1	43.6	51.7	54.3	55.5	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
0.01	31.2	41.1	43.6	51.7	54.3	55.5	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
0.005	31.2	41.1	43.6	51.7	54.3	55.5	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
0.002	31.2	41.1	43.6	51.7	54.3	55.5	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
0.001	31.2	41.1	43.6	51.7	54.3	55.5	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
0.0005	31.2	41.1	43.6	51.7	54.3	55.5	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
0.0002	31.2	41.1	43.6	51.7	54.3	55.5	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
0.0001	31.2	41.1	43.6	51.7	54.3	55.5	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
0.00005	31.2	41.1	43.6	51.7	54.3	55.5	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
0.00002	31.2	41.1	43.6	51.7	54.3	55.5	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
0.00001	31.2	41.1	43.6	51.7	54.3	55.5	57.8	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2

TOTAL NUMBER OF OBSERVATIONS 234

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 135251 WOODBRIDGE PAF, VA

74-76, 78-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

222-2500

CEILING FEET	VISIBILITY, STATUTE MILES OR (HUNDREDS OF METERS)															
	20	26	32	38	44	50	56	62	68	74	80	86	92	98	104	110
1000	16.8	24.5	29.6	36.6	39.1	39.9	42.4	43.2	44.7	45.7	45.7	45.1	47.2	45.3	45.6	45.7
800	13.8	28.1	34.2	41.5	44.2	45.2	49.2	49.7	49.9	51.8	51.7	51.1	51.2	51.3	51.6	51.7
600	14.8	28.1	34.2	41.6	44.4	45.3	49.4	49.3	50.1	51.1	51.2	51.3	51.4	51.6	51.9	51.9
400	13.8	28.1	34.2	41.6	44.4	45.3	49.4	49.3	50.1	51.1	51.2	51.3	51.4	51.6	51.9	51.9
200	12.1	28.4	34.7	42.1	44.6	45.8	49.9	49.8	50.6	51.6	51.7	51.8	51.9	52.0	52.3	52.4
100	19.4	29.3	36.7	43.5	46.4	47.4	51.6	51.4	52.3	53.2	53.4	53.5	53.6	53.7	54.7	54.1
50	19.5	29.5	36.2	44.0	47.0	48.0	51.2	52.0	52.2	53.8	54.7	54.1	54.2	54.3	54.6	54.7
25	21.5	32.1	39.7	49.5	53.7	54.2	57.6	58.5	59.5	60.6	60.7	60.8	60.9	61.7	61.3	61.4
15	22.5	33.7	41.5	51.7	55.2	56.5	62.0	62.9	61.9	62.9	63.1	63.2	63.3	63.4	63.7	63.3
10	22.5	33.7	41.6	52.3	55.5	56.8	62.3	61.3	62.7	63.3	63.4	63.5	63.7	63.8	64.0	64.1
5	22.9	34.3	42.3	53.7	57.4	58.8	62.6	63.7	64.6	65.8	65.9	66.1	66.2	66.7	66.5	66.7
2	23.7	35.1	43.5	54.9	58.6	60.0	63.8	65.3	66.3	67.5	67.6	67.7	67.9	68.1	68.2	68.3
1	25.5	37.9	47.7	59.1	63.3	64.7	68.6	70.3	71.3	72.5	72.7	72.8	72.9	73.0	73.3	73.5
0.5	26.7	39.9	49.7	61.9	66.2	67.6	71.6	73.4	74.5	75.7	75.9	75.9	76.0	76.1	76.4	76.6
0.25	29.7	42.6	52.3	65.7	70.9	72.7	77.7	78.9	80.0	81.5	81.7	81.8	81.9	82.0	82.3	82.5
0.15	29.3	43.5	53.1	66.9	72.1	73.9	78.2	81.1	81.7	82.7	82.9	83.0	83.1	83.2	83.5	83.7
0.1	30.2	44.8	54.4	68.9	74.1	75.9	80.3	82.3	83.3	85.0	85.1	85.3	85.4	85.5	85.7	86.0
0.075	30.2	44.8	54.4	69.2	74.3	76.3	80.9	83.0	84.1	85.7	85.9	86.0	86.1	86.2	86.5	86.7
0.05	30.3	45.0	54.7	69.5	74.7	76.6	81.3	83.3	84.4	86.1	86.2	86.3	86.5	86.6	86.8	87.1
0.025	30.5	45.3	55.6	70.6	76.0	78.1	83.1	85.1	86.2	88.0	88.1	88.2	88.4	88.5	89.7	89.0
0.015	30.7	45.9	56.2	71.7	77.3	79.4	84.7	86.7	87.8	89.7	89.8	89.9	90.0	90.2	90.4	90.6
0.01	30.7	45.9	56.2	72.1	78.2	80.2	85.7	87.8	88.8	90.8	90.9	91.0	91.1	91.2	91.5	91.7
0.0075	30.8	46.2	56.7	72.8	79.7	81.9	88.7	90.0	91.1	93.0	93.2	93.3	93.4	93.5	93.8	94.0
0.005	30.8	46.2	56.7	73.3	80.3	82.5	89.7	91.1	92.3	94.4	94.5	94.6	94.8	95.0	95.2	95.4
0.0025	30.8	46.3	57.0	73.5	80.9	83.1	89.6	91.8	93.0	95.2	95.3	95.4	95.7	95.8	96.7	96.3
0.0015	31.2	46.8	57.4	74.0	81.7	83.9	90.8	93.4	94.6	96.8	96.9	97.0	97.2	97.4	97.6	97.8
0.001	31.2	46.8	57.4	74.3	81.9	84.2	91.2	93.9	95.1	97.5	97.6	97.7	98.0	98.1	98.3	98.6
0.00075	31.2	46.8	57.4	74.0	81.9	84.2	91.2	93.9	95.2	97.7	98.0	98.1	98.4	98.8	99.2	99.4
0.0005	31.2	46.8	57.4	74.3	81.9	84.2	91.2	93.9	95.2	97.7	98.0	98.1	98.4	99.0	99.5	100.0
0.00025	31.2	46.8	57.4	74.0	81.9	84.2	91.2	93.9	95.2	97.7	98.0	98.1	98.4	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 834

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AFRICAL CLIMATOLOGY BRANCH
 AFACLTAC
 AIR WEATHER SERVICE/MAAC

CEILING VERSUS VISIBILITY

1951 ADDENDUM 9AF UK

74-57

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

2-7-1950

		IN BOTH STATUTE MILES OR HUNDREDS OF METERS																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1000	17.7	24.1	26.7	32.6	34.1	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
900	21.1	28.8	32.1	39.8	41.6	41.5	41.9	41.5	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
800	21.3	28.8	32.4	40.0	41.8	41.8	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
700	21.3	28.8	32.4	40.0	41.8	41.8	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
600	21.3	28.8	32.4	40.0	41.8	41.8	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
500	22.2	29.9	33.9	41.9	43.9	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
400	23.5	31.3	35.3	43.4	45.5	45.5	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
300	24.2	35.4	39.3	48.8	51.2	51.2	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
200	26.9	38.8	41.7	51.1	53.6	53.7	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
100	27.2	37.0	41.9	51.3	53.9	54.7	54.9	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
0	28.9	39.0	44.5	54.5	57.4	57.6	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
1000	29.7	41.0	45.9	56.0	58.8	59.0	60.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
900	32.4	44.9	50.4	61.1	64.4	64.6	65.9	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
800	35.9	49.2	55.1	66.0	69.5	69.9	71.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
700	41.9	56.5	63.2	74.6	78.6	79.2	82.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
600	43.5	58.4	65.3	76.9	81.7	81.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
500	45.5	61.6	68.6	81.1	85.2	85.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
400	45.8	62.3	69.4	82.3	86.4	86.3	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
300	46.3	63.2	70.5	84.2	88.3	88.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
200	46.8	64.3	71.9	87.6	92.1	92.5	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
100	47.7	64.6	72.7	88.9	93.4	93.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
0	47.1	64.7	72.8	89.2	93.9	94.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
1000	47.1	64.7	72.8	89.4	94.8	95.2	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
900	47.7	64.8	72.9	89.6	95.2	95.3	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
800	47.1	64.8	72.5	89.7	95.3	95.9	97.4	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
700	47.7	64.8	72.5	90.0	95.7	96.2	97.7	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
600	47.1	64.8	72.5	90.0	95.7	96.3	97.9	98.5	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
500	47.7	64.8	72.5	90.0	95.8	96.4	98.1	98.7	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
400	47.7	64.8	72.5	90.0	95.8	96.4	98.1	98.7	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
300	47.7	64.8	72.5	90.0	95.8	96.4	98.1	98.7	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
200	47.7	64.8	72.5	90.0	95.8	96.4	98.1	98.7	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
100	47.7	64.8	72.5	90.0	95.8	96.4	98.1	98.7	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0	47.7	64.8	72.5	90.0	95.8	96.4	98.1	98.7	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 974

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75551 WOODBRIDGE PAF, VA

74-57

254

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

11-7-1400

CEILING	1000	900	800	700	600	500	400	300	200	100	50	25	10	5	2	1	0
1000	19.4	26.6	29.1	33.7	34.7	34.7	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
900	25.3	33.1	36.7	43.0	43.0	43.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
800	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
700	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
600	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
500	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
400	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
300	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
200	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
100	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
50	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
25	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
10	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
5	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
2	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
1	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
0	26.6	33.4	37.1	43.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6

TOTAL NUMBER OF OBSERVATIONS 524

NATIONAL METEOROLOGICAL SERVICE
 OFFICE OF THE SECRETARY
 AIR WEATHER SERVICE/NA

CEILING VERSUS VISIBILITY

STATION: WONNABOON, S. DAK.

DATE: 7-1-57

CLASS: 1

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING	1000	900	800	700	600	500	400	300	200	100	50	25	10	5	2	1	0
1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
25	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 12

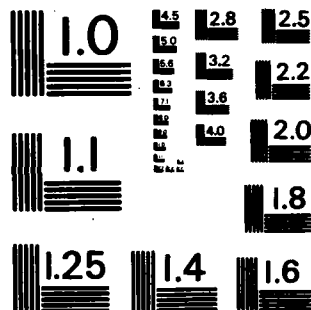
AD-A140 247

WOODBIDGE RAF UNITED KINGDOM REVISED UNIFORM SUMMARY
OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. 07 MAR 84
UNCLASSIFIED USAFETAC/DS-84/011 S01-AD-E850 623

F/G 4/2

NL

3/5



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

74-83
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10 GT90	≥6 EQ90	≥5 GE80	≥4 GE60	≥3 GE48	≥2.5 GE40	≥2 GE32	≥1.5 GE24	≥1 GE20	≥0.75 GE16	≥0.5 GE12	≥0.4 GE10	≥0.3 GE08	≥0.25 GE05	≥0.2 GE04	≥0 GE03
NO CEILING ≥ 20000	28.6	34.6	37.2	43.9	45.2	45.5	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 18000	33.8	41.3	44.5	53.2	54.9	55.1	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 16000	33.8	41.3	44.5	53.2	54.9	55.1	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 14000	34.7	41.6	44.7	53.5	55.1	55.3	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 12000	34.3	42.0	45.1	54.0	55.6	55.8	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 10000	35.4	43.6	47.4	56.5	58.1	58.3	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 9000	35.8	44.3	48.1	57.8	59.5	59.7	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 8000	38.5	48.7	53.7	65.2	67.3	67.6	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 7000	39.4	49.7	54.9	66.8	69.3	69.6	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 6000	39.6	50.0	55.2	67.2	69.7	70.0	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 5000	41.8	52.7	58.0	70.8	73.5	73.8	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5
≥ 4500	42.9	54.0	59.4	72.2	74.9	75.3	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3
≥ 4000	46.6	58.3	64.4	77.7	80.6	81.1	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.5
≥ 3500	48.8	61.3	67.3	80.7	83.8	84.2	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.7
≥ 3000	51.9	64.8	71.2	85.7	89.1	89.5	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	91.0
≥ 2500	52.2	65.0	71.4	86.0	89.4	89.8	90.7	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.3
≥ 2000	53.4	66.5	73.4	88.6	92.3	92.7	93.6	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.3
≥ 1800	53.7	66.9	73.8	89.1	92.7	93.2	94.0	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.7
≥ 1500	54.1	67.5	74.6	89.9	93.8	94.3	95.1	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.8
≥ 1200	54.2	67.7	74.8	91.0	94.9	95.3	96.2	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.9
≥ 1000	54.4	68.0	75.0	91.6	95.5	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4
≥ 900	54.4	68.0	75.0	91.6	95.5	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4
≥ 800	54.4	68.0	75.0	91.6	95.5	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4
≥ 700	54.4	68.0	75.0	91.6	95.5	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4
≥ 600	54.4	68.0	75.0	91.6	95.5	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4
≥ 500	54.4	68.0	75.0	91.6	95.5	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4
≥ 400	54.4	68.0	75.0	91.6	95.5	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4
≥ 300	54.4	68.0	75.0	91.6	95.5	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4
≥ 200	54.4	68.0	75.0	91.6	95.5	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4
≥ 100	54.4	68.0	75.0	91.6	95.5	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4
≥ 0	54.4	68.0	75.0	91.6	95.5	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

075951 WOODBRIDGE RAF UK

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2120-2300

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
	GT9.3	F09.3	GF8.0	GF6.0	GF4.8	GF3.2	GF2.4	GF2.0	GF1.6	GF1.2	GF1.0	GF0.8	GF0.6	GF0.5	GF0.4	GF0.3
NO CEILING	32.4	38.6	41.9	48.1	49.1	49.8	57.7	51.1	51.1	51.3	51.5	51.5	51.5	51.5	51.5	51.5
≥ 20000	36.6	43.4	46.9	54.8	56.3	57.1	57.9	58.4	58.4	58.6	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000	36.6	43.4	47.0	54.9	56.4	57.2	58.0	58.5	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8
≥ 16000	36.6	43.4	47.0	54.9	56.4	57.2	58.0	58.5	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8
≥ 14000	36.6	43.4	47.0	54.9	56.4	57.2	58.0	58.5	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8
≥ 12000	36.6	43.4	47.0	54.9	56.4	57.2	58.0	58.5	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8
≥ 10000	38.1	45.0	48.7	56.7	58.4	59.1	60.0	60.4	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.7
≥ 9000	38.1	45.0	48.7	56.7	58.4	59.1	60.0	60.4	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.7
≥ 8000	41.6	49.3	53.9	63.8	65.6	66.3	67.3	67.7	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1
≥ 7000	42.7	50.4	55.0	65.2	67.0	67.9	69.0	69.5	69.5	69.7	69.8	69.8	69.8	69.8	69.8	69.8
≥ 6000	43.1	51.2	55.9	66.0	67.9	68.7	69.9	70.3	70.3	70.6	70.7	70.7	70.7	70.7	70.7	70.7
≥ 5000	44.8	53.4	58.1	69.7	72.0	72.8	74.0	74.4	74.4	74.6	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500	45.8	54.6	59.3	71.4	73.7	74.5	75.7	76.2	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4000	48.5	58.3	64.3	77.4	80.4	81.6	83.3	83.7	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3500	50.1	60.0	66.3	80.3	82.2	84.4	86.1	86.5	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3000	51.6	61.8	68.4	83.4	86.6	87.8	89.5	90.0	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	51.8	62.0	68.6	83.6	86.8	88.0	89.8	90.2	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2000	52.4	62.7	69.4	84.5	88.1	89.3	91.2	91.8	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1800	52.9	63.2	69.9	85.0	88.7	89.9	91.7	92.3	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	53.6	64.1	70.8	86.0	89.6	90.8	92.7	93.3	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	54.0	64.7	71.4	87.7	91.5	92.7	94.6	95.3	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	54.0	64.8	71.5	88.0	91.8	93.0	94.9	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	54.0	64.8	71.5	88.0	91.8	93.0	94.9	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	54.0	64.8	71.5	88.0	91.8	93.0	94.9	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	54.0	64.8	71.5	88.0	91.8	93.0	94.9	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	54.0	64.8	71.5	88.0	91.8	93.0	94.9	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	54.0	64.8	71.5	88.0	91.8	93.0	94.9	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 400	54.0	64.8	71.5	88.0	91.8	93.0	94.9	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 300	54.0	64.8	71.5	88.0	91.8	93.0	94.9	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 200	54.0	64.8	71.5	88.0	91.8	93.0	94.9	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 100	54.0	64.8	71.5	88.0	91.8	93.0	94.9	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 0	54.0	64.8	71.5	88.0	91.8	93.0	94.9	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0

TOTAL NUMBER OF OBSERVATIONS 927

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035951 WOODBRIDGE RAF UK

74-83

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
	GT90	EQ90	GE80	GE60	GE40	GE20	GE12	GE24	GE20	GE16	GE12	GE10	GE08	GE05	GE04	GE02
NO CEILING	22.2	29.2	32.4	38.5	47.0	40.4	41.3	41.6	41.7	42.0	42.0	42.0	42.0	42.0	42.1	42.1
≥ 20000	26.1	34.3	38.1	45.7	47.5	47.9	48.9	49.3	49.4	49.7	49.7	49.7	49.7	49.7	49.8	49.8
≥ 18000	26.3	34.5	38.2	45.9	47.7	48.2	49.2	49.6	49.7	49.9	50.0	50.0	50.0	50.0	50.0	50.1
≥ 16000	26.3	34.5	38.2	45.9	47.7	48.2	49.2	49.6	49.7	49.9	50.0	50.0	50.0	50.0	50.0	50.1
≥ 14000	26.3	34.6	38.3	46.0	47.8	48.3	49.4	49.7	49.8	50.1	50.1	50.1	50.1	50.2	50.2	50.2
≥ 12000	26.5	34.8	38.7	46.5	48.3	48.8	49.9	50.2	50.4	50.6	50.6	50.6	50.7	50.7	50.7	50.7
≥ 10000	27.3	35.9	40.0	48.1	51.0	50.5	51.6	52.0	52.1	52.4	52.4	52.4	52.5	52.5	52.5	52.5
≥ 9000	27.9	36.7	40.8	49.2	51.2	51.6	52.8	53.2	53.3	53.5	53.6	53.6	53.6	53.6	53.7	53.7
≥ 8000	30.5	40.5	45.4	55.1	57.5	58.0	59.2	59.7	59.8	60.1	60.1	60.1	60.2	60.2	60.2	60.2
≥ 7000	31.5	42.0	47.0	57.1	59.7	60.3	61.6	62.1	62.2	62.5	62.5	62.6	62.6	62.6	62.6	62.6
≥ 6000	31.7	42.2	47.3	57.5	60.0	60.6	61.9	62.4	62.6	62.8	62.9	62.9	62.9	62.9	62.9	63.0
≥ 5000	33.0	44.1	49.3	60.2	63.0	63.6	65.0	65.6	65.7	66.0	66.0	66.1	66.1	66.1	66.1	66.2
≥ 4500	34.2	45.6	51.0	62.2	65.0	65.6	67.1	67.7	67.8	68.2	68.2	68.2	68.2	68.2	68.3	68.3
≥ 4000	37.3	49.8	55.9	67.9	70.9	71.6	73.2	74.0	74.1	74.4	74.5	74.5	74.5	74.6	74.6	74.6
≥ 3500	39.8	52.9	59.2	71.9	75.1	75.8	77.5	78.3	78.5	78.8	78.8	78.9	78.9	78.9	79.0	79.0
≥ 3000	43.3	57.4	64.2	77.8	81.4	82.2	83.9	84.8	84.9	85.3	85.4	85.4	85.5	85.5	85.5	85.6
≥ 2500	44.0	58.4	65.3	78.9	82.6	83.4	85.2	86.0	86.2	86.6	86.6	86.6	86.7	86.7	86.8	86.8
≥ 2000	45.1	60.0	67.2	81.4	85.2	86.0	87.9	88.7	88.9	89.4	89.4	89.4	89.5	89.5	89.6	89.6
≥ 1800	45.4	60.4	67.6	81.9	85.8	86.6	88.5	89.4	89.6	90.0	90.0	90.1	90.1	90.1	90.2	90.2
≥ 1600	45.8	60.9	68.3	83.1	87.0	87.8	89.7	90.6	90.8	91.2	91.3	91.3	91.3	91.4	91.4	91.4
≥ 1400	46.1	61.7	69.3	85.2	89.3	90.2	92.1	93.0	93.3	93.7	93.8	93.8	93.8	93.9	93.9	93.9
≥ 1200	46.3	62.0	69.6	86.0	90.2	91.0	93.0	94.0	94.2	94.7	94.7	94.7	94.8	94.8	94.9	94.9
≥ 1000	46.3	62.1	69.7	86.2	90.5	91.4	93.4	94.4	94.6	95.1	95.1	95.2	95.2	95.3	95.3	95.3
≥ 900	46.3	62.1	69.8	86.4	90.9	91.8	93.9	94.8	95.1	95.5	95.5	95.6	95.6	95.7	95.7	95.8
≥ 800	46.3	62.2	70.0	86.7	91.5	92.5	94.7	95.8	96.0	96.5	96.5	96.6	96.6	96.7	96.7	96.7
≥ 700	46.3	62.3	70.1	86.9	91.9	92.8	95.2	96.4	96.7	97.2	97.2	97.3	97.3	97.4	97.4	97.4
≥ 600	46.4	62.3	70.1	87.0	92.2	93.2	95.7	96.9	97.3	97.9	97.9	98.0	98.0	98.1	98.1	98.1
≥ 500	46.5	62.4	70.3	87.2	92.5	93.5	96.2	97.5	98.0	98.6	98.7	98.7	98.8	98.9	98.9	98.9
≥ 400	46.5	62.4	70.3	87.2	92.5	93.6	96.3	97.7	98.2	99.0	99.1	99.1	99.2	99.3	99.4	99.4
≥ 300	46.5	62.4	70.3	87.2	92.5	93.6	96.3	97.7	98.3	99.1	99.2	99.3	99.4	99.5	99.6	99.6
≥ 200	46.5	62.4	70.3	87.2	92.5	93.6	96.3	97.7	98.3	99.1	99.2	99.3	99.4	99.5	99.6	99.6
≥ 100	46.5	62.4	70.3	87.2	92.5	93.6	96.3	97.7	98.3	99.1	99.2	99.3	99.4	99.5	99.6	99.6
≥ 0	46.5	62.4	70.3	87.2	92.5	93.6	96.3	97.7	98.3	99.1	99.2	99.3	99.4	99.5	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 7187

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035951 WOODBRIDGE RAF UK

74-83

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	23.9	29.2	33.1	39.9	43.5	44.5	46.7	47.0	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000	25.1	30.9	35.3	42.5	46.8	47.8	50.1	50.5	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 18000	25.1	30.9	35.3	42.5	46.8	47.8	50.1	50.5	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 16000	25.1	30.9	35.3	42.5	46.8	47.8	50.1	50.5	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 14000	25.1	30.9	35.3	42.5	46.8	47.8	50.1	50.5	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 12000	25.1	30.9	35.3	42.5	46.8	47.8	50.1	50.5	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 10000	26.1	32.3	36.8	44.3	48.6	49.6	52.0	52.3	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 9000	26.1	32.3	36.8	44.3	48.6	49.6	52.0	52.3	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 8000	37.8	38.7	43.6	53.4	58.5	59.5	62.6	62.9	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 7000	31.7	39.5	44.6	55.0	60.1	61.2	64.3	64.7	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 6000	31.8	39.8	45.1	55.5	60.6	61.7	64.8	65.1	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 5000	33.9	42.5	47.8	58.7	63.9	65.1	68.2	68.6	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4500	34.5	43.5	48.9	60.2	65.4	66.6	69.7	70.1	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4000	36.8	46.8	53.2	65.4	71.1	72.4	75.6	76.0	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3500	38.5	48.6	55.3	67.7	73.5	75.0	78.3	78.7	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3000	40.0	50.9	57.8	72.0	78.6	80.0	83.5	83.9	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2500	40.3	51.2	58.3	72.5	79.1	80.5	84.0	84.9	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	40.8	51.8	59.1	74.4	81.0	82.6	86.2	87.2	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1800	40.8	51.8	59.1	74.4	81.0	82.6	86.2	87.2	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	40.9	52.1	59.4	75.1	81.8	83.5	87.1	88.1	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	41.3	53.1	60.6	77.2	84.0	85.7	89.4	90.4	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1000	42.0	54.3	61.9	78.8	85.8	87.6	91.4	92.5	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	42.1	54.4	62.1	79.1	86.2	87.9	91.7	92.9	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	42.4	54.7	62.3	79.3	86.6	88.3	92.1	93.2	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700	42.6	54.9	62.6	79.6	86.9	88.7	92.5	93.7	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	42.6	54.9	62.6	79.6	86.9	88.7	92.5	93.7	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	42.6	54.9	62.6	79.6	86.9	88.7	92.5	93.7	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400	42.6	54.9	62.6	79.6	86.9	88.7	92.5	93.7	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 300	42.6	54.9	62.6	79.6	86.9	88.7	92.5	93.7	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 200	42.6	54.9	62.6	79.6	86.9	88.7	92.5	93.7	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 100	42.6	54.9	62.6	79.6	86.9	88.7	92.5	93.7	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 0	42.6	54.9	62.6	79.6	86.9	88.7	92.5	93.7	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8

TOTAL NUMBER OF OBSERVATIONS 812

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035951

WOODBRIDGE RAF UK

74-83

1111

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
	GI97	FO90	GE80	GE60	GE48	GE40	GE32	GE24	GE22	GE16	GE12	GE10	GE08	GE05	GE04	GE00
NO CEILING	13.7	18.8	23.0	31.8	34.7	35.6	38.5	47.3	40.6	41.5	41.6	41.6	41.6	41.6	41.7	41.9
≥ 20000	14.8	20.6	25.4	34.9	38.4	39.5	42.6	44.3	44.7	45.7	45.8	45.8	45.8	45.8	45.9	46.1
IV 18000	14.8	20.6	25.4	34.9	38.4	39.5	42.6	44.3	44.7	45.7	45.8	45.8	45.8	45.8	45.9	46.1
IV 16000	14.8	20.6	25.4	34.9	38.4	39.5	42.6	44.3	44.7	45.7	45.8	45.8	45.8	45.8	45.9	46.1
IV 14000	14.8	20.6	25.4	34.9	38.4	39.5	42.6	44.3	44.7	45.7	45.8	45.8	45.8	45.8	45.9	46.1
IV 12000	14.8	21.1	25.9	35.3	38.9	40.0	43.1	44.8	45.2	46.2	46.3	46.3	46.3	46.3	46.4	46.6
IV 10000	15.6	21.9	26.7	36.6	40.4	41.6	44.8	46.6	46.9	47.9	48.0	48.0	48.0	48.0	48.2	48.3
IV 9000	15.9	22.2	27.1	37.8	42.0	43.5	46.7	48.4	48.8	49.8	49.9	49.9	49.9	49.9	50.0	50.1
IV 8000	18.6	26.2	32.1	44.8	49.9	51.5	55.5	57.3	57.8	59.0	59.2	59.2	59.2	59.2	59.4	59.5
IV 7000	19.5	27.3	33.4	46.4	51.7	53.3	57.4	59.1	59.6	61.1	61.3	61.3	61.3	61.3	61.5	61.6
IV 6000	19.5	27.3	33.4	46.4	51.7	53.3	57.4	59.1	59.6	61.2	61.5	61.5	61.5	61.5	61.6	61.7
IV 5000	20.9	29.2	35.3	48.8	54.2	55.8	60.1	62.1	62.6	64.2	64.4	64.4	64.4	64.4	64.5	64.7
IV 4500	22.3	30.7	37.3	51.0	56.5	58.1	62.4	64.5	65.0	66.6	66.9	66.9	66.9	66.9	67.0	67.1
IV 4000	22.4	33.3	40.6	55.8	61.9	63.5	68.1	70.2	70.8	72.4	72.7	72.7	72.7	72.7	72.8	72.9
IV 3500	27.0	35.8	43.2	59.0	65.3	66.9	71.6	73.6	74.3	75.9	76.1	76.1	76.1	76.1	76.2	76.4
IV 3000	28.2	37.4	45.3	61.9	69.2	71.1	76.0	78.3	79.1	80.8	81.0	81.0	81.0	81.0	81.2	81.3
IV 2500	28.2	37.6	45.4	62.4	69.7	71.6	76.5	78.8	79.6	81.3	81.5	81.5	81.5	81.5	81.7	81.8
IV 2000	28.8	38.4	46.9	64.3	71.6	73.4	78.4	80.9	81.7	83.4	83.6	83.6	83.6	83.6	83.7	83.9
IV 1800	28.8	38.4	47.0	64.4	71.8	73.6	78.7	81.2	81.9	83.6	83.9	83.9	83.9	83.9	84.0	84.1
IV 1500	28.8	38.8	47.7	65.3	72.7	74.5	79.6	82.0	82.8	84.5	84.7	84.7	84.7	84.7	84.9	85.0
IV 1200	29.1	39.4	48.6	67.6	75.1	77.0	82.0	84.5	85.2	86.9	87.2	87.2	87.2	87.2	87.3	87.4
IV 1000	29.3	40.0	49.3	68.7	76.2	78.1	83.1	85.7	86.9	88.7	88.9	88.9	88.9	88.9	89.0	89.2
IV 900	29.3	40.0	49.3	68.8	76.4	78.2	83.4	86.1	87.3	89.0	89.3	89.3	89.3	89.3	89.4	89.5
IV 800	29.4	40.3	49.8	69.3	77.1	78.9	84.2	86.9	88.3	90.1	90.4	90.4	90.4	90.4	90.5	90.6
IV 700	29.4	40.8	50.5	70.1	78.2	80.0	85.5	88.3	89.7	91.6	91.9	91.9	91.9	91.9	92.0	92.1
IV 600	29.6	41.0	51.1	71.2	79.8	81.7	87.1	90.0	91.5	93.6	93.8	93.8	93.8	93.8	94.0	94.1
IV 500	29.6	41.0	51.1	71.3	80.3	82.4	87.8	90.9	92.4	94.5	94.7	94.7	94.7	94.7	94.8	95.0
IV 400	29.6	41.0	51.1	71.4	80.5	82.6	88.5	91.7	93.2	95.3	95.6	95.6	95.6	95.6	95.8	95.9
IV 300	29.6	41.0	51.1	71.6	80.5	82.6	89.0	92.4	93.8	95.9	96.2	96.2	96.2	96.2	96.4	96.8
IV 200	29.6	41.0	51.1	71.6	80.7	82.8	89.4	93.2	94.7	97.0	97.3	97.7	97.7	97.8	98.0	98.6
IV 100	29.6	41.0	51.1	71.6	80.7	82.8	89.4	93.2	94.7	97.0	97.3	97.7	97.7	98.0	98.4	98.9
IV 0	29.6	41.0	51.1	71.6	80.7	82.8	89.4	93.2	94.7	97.0	97.3	97.7	97.7	98.0	98.4	98.9

TOTAL NUMBER OF OBSERVATIONS 812

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035951 WOODBRIDGE RAF UK

74-83

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3600-0800

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0.2
	GT90	F090	GF80	GF60	GF40	GF20	GF10	GF50	GF20	GF10	GF50	GF20	GF10	GF50	GF20	GF10
NO CEILING	14.6	20.1	21.9	30.5	33.9	34.3	36.7	37.4	37.7	37.9	37.9	38.0	38.0	38.0	38.1	38.1
≥ 20000	17.2	23.7	25.6	35.4	39.8	39.8	42.3	42.9	43.2	43.5	43.5	43.6	43.6	43.6	43.7	43.7
≥ 18000	17.2	23.7	25.6	35.4	39.8	39.8	42.3	42.9	43.2	43.5	43.5	43.6	43.6	43.6	43.7	43.7
≥ 16000	17.2	23.7	25.6	35.4	39.8	39.8	42.3	42.9	43.2	43.5	43.5	43.6	43.6	43.6	43.7	43.7
≥ 14000	17.3	23.8	25.7	35.5	39.5	40.0	42.4	43.1	43.3	43.6	43.6	43.7	43.7	43.7	43.9	43.9
≥ 12000	17.6	24.0	26.1	35.8	40.0	40.4	42.8	43.5	43.7	44.1	44.1	44.2	44.2	44.2	44.3	44.3
≥ 10000	17.7	24.9	27.2	37.5	42.0	42.5	45.1	45.7	45.9	46.3	46.3	46.4	46.4	46.4	46.5	46.5
≥ 9000	17.8	25.1	27.6	38.1	42.9	43.6	46.2	46.8	47.1	47.4	47.4	47.5	47.5	47.5	47.6	47.6
≥ 8000	20.8	28.8	31.7	43.5	49.1	49.9	52.5	53.4	53.6	54.0	54.0	54.1	54.1	54.1	54.2	54.2
≥ 7000	21.7	30.4	33.9	45.4	51.1	51.9	54.8	55.5	55.7	56.0	56.0	56.1	56.1	56.1	56.3	56.3
≥ 6000	21.7	30.5	33.5	45.5	51.2	52.0	54.5	55.6	55.8	56.1	56.1	56.3	56.3	56.3	56.4	56.4
≥ 5000	23.0	32.4	35.4	47.6	53.4	54.2	56.7	57.9	58.1	58.4	58.4	58.6	58.6	58.6	58.7	58.7
≥ 4500	23.7	33.6	36.7	49.1	54.9	55.7	58.3	59.5	59.8	60.2	60.2	60.3	60.3	60.3	60.4	60.4
≥ 4000	25.5	35.8	40.0	54.9	61.1	61.9	64.8	66.0	66.6	67.3	67.3	67.4	67.4	67.4	67.5	67.5
≥ 3500	27.1	38.2	42.9	58.4	64.8	65.6	68.4	69.7	70.3	71.0	71.1	71.2	71.2	71.2	71.3	71.3
≥ 3000	28.2	39.7	45.1	61.8	68.3	69.1	72.1	73.4	73.9	74.6	74.7	74.9	74.9	74.9	75.0	75.0
≥ 2500	28.5	40.5	45.9	62.7	69.5	70.3	73.2	74.5	75.1	75.8	75.9	76.0	76.0	76.0	76.1	76.1
≥ 2000	30.2	42.6	48.0	65.3	72.6	73.4	76.3	77.7	78.4	79.1	79.2	79.3	79.3	79.3	79.4	79.4
≥ 1800	30.9	43.4	48.8	66.2	73.7	74.5	77.5	78.9	79.6	80.3	80.4	80.5	80.5	80.5	80.6	80.6
≥ 1500	31.6	44.9	50.4	68.5	76.0	76.8	79.9	81.5	82.2	82.9	83.1	83.2	83.2	83.2	83.3	83.3
≥ 1200	32.5	46.0	51.8	70.8	78.9	79.7	83.1	84.6	85.4	86.1	86.3	86.5	86.5	86.5	86.6	86.6
≥ 1000	33.1	47.1	52.9	72.6	80.7	81.6	85.1	87.0	87.9	88.6	88.9	89.0	89.0	89.0	89.1	89.1
≥ 900	33.1	47.3	53.4	73.1	81.5	82.4	85.9	87.9	88.9	89.6	89.8	89.9	89.9	89.9	90.0	90.0
≥ 800	33.2	48.0	54.2	74.2	83.1	84.0	87.7	90.0	91.0	91.7	92.0	92.1	92.1	92.1	92.2	92.2
≥ 700	33.3	48.1	54.6	74.7	84.2	85.2	89.3	91.6	92.7	93.3	93.6	93.7	93.7	93.7	93.8	93.8
≥ 600	33.3	48.1	54.8	75.1	84.6	85.6	89.7	92.0	93.6	94.5	94.7	94.8	94.8	94.8	94.9	94.9
≥ 500	33.3	48.1	54.8	75.1	85.2	86.5	91.7	94.3	95.4	96.3	96.6	96.7	96.8	96.8	96.9	96.9
≥ 400	33.3	48.1	54.8	75.2	85.5	86.9	92.2	94.7	95.9	96.9	97.1	97.2	97.3	97.4	97.5	97.5
≥ 300	33.3	48.1	54.8	75.2	85.5	86.9	92.4	95.3	96.7	97.9	98.3	98.4	98.5	98.5	98.7	98.7
≥ 200	33.3	48.1	54.8	75.2	85.5	86.9	92.4	95.4	96.8	98.2	98.6	98.9	99.2	99.2	99.8	99.8
≥ 100	33.3	48.1	54.8	75.2	85.5	86.9	92.4	95.4	96.8	98.2	98.6	98.9	99.2	99.2	99.8	100.0
≥ 0	33.3	48.1	54.8	75.2	85.5	86.9	92.4	95.4	96.8	98.2	98.6	98.9	99.2	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 871

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035951
STATION

WOODBRIDGE RAF UK
STATION NAME

74-83
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (LT)

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	≥ 10 GT90	≥ 6 EQ90	≥ 5 GE80	≥ 4 GE60	≥ 3 GE48	≥ 2.5 GE40	≥ 2 GE32	≥ 1.5 GE24	≥ 1.25 GE20	≥ 1 GE16	≥ .75 GE12	≥ .5 GE10	≥ .25 GE8	≥ .15 GE6	≥ .1 GE4	≥ 0 GFC
NO CEILING	16.4	21.1	23.2	29.1	31.2	31.3	31.7	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
≥ 20000	20.7	26.3	28.4	36.3	38.8	38.9	39.4	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 18000	21.7	26.5	28.7	36.6	39.0	39.1	39.6	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 16000	21.3	26.5	28.7	36.6	39.0	39.1	39.6	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 14000	21.7	26.5	28.7	36.6	39.0	39.1	39.6	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 12000	21.5	27.1	29.4	37.7	40.1	40.2	40.7	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 10000	22.5	28.3	30.8	40.2	42.8	42.9	43.4	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 9000	24.5	30.4	32.9	42.7	45.3	45.4	45.8	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 8000	26.3	32.9	35.7	46.8	49.5	49.6	50.2	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 7000	26.6	33.4	36.3	47.7	50.4	50.5	51.1	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 6000	26.6	33.6	36.5	47.8	50.5	50.6	51.2	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 5000	28.3	35.8	38.7	50.2	53.0	53.1	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 4500	29.5	37.3	40.4	51.8	54.6	54.7	55.3	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 4000	34.3	42.7	45.9	59.0	61.9	62.0	62.5	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 3500	38.1	46.8	50.5	64.0	67.0	67.1	67.8	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 3000	44.5	54.5	59.4	74.2	77.4	77.6	78.3	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 2500	45.3	56.1	61.0	76.3	79.4	79.6	80.3	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 2000	47.8	59.8	64.9	80.7	84.5	84.7	85.5	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1800	48.6	60.6	66.0	82.1	86.0	86.2	87.0	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1500	49.6	62.0	67.7	84.7	88.9	89.2	90.2	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	50.6	63.7	69.3	87.0	91.6	92.1	93.3	94.1	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1000	50.9	64.0	69.7	88.1	93.0	93.4	94.8	95.5	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	50.9	64.0	69.8	88.3	93.4	93.9	95.3	96.1	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	51.1	64.1	69.9	88.5	94.0	94.4	95.9	96.8	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	51.1	64.1	70.1	88.9	94.8	95.2	96.7	97.7	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	51.1	64.1	70.1	88.9	94.8	95.2	96.7	97.7	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	51.1	64.1	70.1	88.9	94.8	95.3	97.0	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	51.1	64.1	70.1	88.9	94.8	95.4	97.1	98.6	99.0	99.1	99.3	99.3	99.4	99.4	99.4	99.4
≥ 300	51.1	64.1	70.1	88.9	94.9	95.5	97.2	98.8	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	51.1	64.1	70.1	88.9	94.9	95.5	97.2	98.8	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	51.1	64.1	70.1	88.9	94.9	95.5	97.2	98.8	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	51.1	64.1	70.1	88.9	94.9	95.5	97.2	98.8	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 035951 WOODBRIDGE RAF UK

YEARS 74-83

MONTH JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1700-1800
HOURS

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0.2
	GE90	GE80	GE70	GE60	GE50	GE40	GE30	GE20	GE16	GE12	GE10	GE08	GE06	GE05	GE04	GE03
NO CEILING	17.3	22.0	23.2	28.7	30.4	30.4	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
≥ 20000	22.6	28.7	30.3	36.7	38.8	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 18000	22.6	28.7	30.3	36.7	38.8	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 16000	22.6	28.7	30.3	36.7	38.8	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 14000	22.6	28.7	30.3	36.7	38.8	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 12000	22.6	29.0	30.5	37.1	39.1	39.2	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 10000	23.7	30.4	32.0	38.9	41.1	41.2	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 9000	24.9	32.2	33.7	41.2	43.4	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 8000	27.8	35.9	37.5	46.7	48.9	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 7000	28.3	36.5	38.3	47.8	50.1	50.2	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 6000	28.3	36.5	38.3	48.1	50.4	50.6	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 5000	30.5	38.8	40.6	50.7	53.0	53.1	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 4500	33.0	41.4	43.3	53.3	55.7	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 4000	39.2	48.2	50.7	61.5	63.8	63.9	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 3500	45.5	56.2	59.1	71.0	73.5	73.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 3000	50.9	63.5	67.1	80.4	82.9	83.0	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2500	53.2	66.1	70.2	83.7	86.2	86.3	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2000	55.8	69.4	74.3	88.9	91.6	91.8	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1800	55.9	69.7	74.6	89.3	92.1	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	56.6	70.7	76.1	91.1	94.2	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	57.5	71.7	77.2	92.5	96.1	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	57.5	71.7	77.2	92.9	96.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	57.5	71.8	77.3	93.0	96.8	97.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	57.5	71.8	77.3	93.4	97.6	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	57.5	71.8	77.3	93.5	97.7	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	57.5	71.8	77.3	93.5	97.8	98.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	57.5	71.8	77.3	93.5	97.8	98.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	57.5	71.8	77.3	93.5	97.9	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	57.5	71.8	77.3	93.5	97.9	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	57.5	71.8	77.3	93.5	97.9	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	57.5	71.8	77.3	93.5	97.9	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	57.5	71.8	77.3	93.5	97.9	98.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035951
STATION

WOODBIDGE RAF UK
STATION NAME

74-83
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
TIME

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	21.5	25.7	27.4	32.3	34.5	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 20000	26.3	31.7	33.8	41.2	44.0	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 18000	26.3	31.9	34.0	41.4	44.3	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 16000	26.3	31.9	34.0	41.4	44.3	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
IV 14000	26.3	31.9	34.0	41.4	44.3	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
IV 12000	26.4	32.0	34.1	41.5	44.4	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
IV 10000	27.7	33.7	35.9	43.3	46.3	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
IV 9000	28.8	35.0	37.3	44.8	47.8	47.9	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
IV 8000	32.3	39.9	42.7	50.9	53.9	54.1	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 7000	33.1	41.0	43.8	52.1	55.1	55.2	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
IV 6000	33.5	41.5	44.3	52.6	55.6	55.7	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 5000	36.5	44.9	47.8	56.3	59.3	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 4500	38.8	47.5	50.5	59.1	62.2	62.3	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 4000	45.3	54.5	58.3	67.6	70.7	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 3500	49.7	59.5	63.4	74.6	78.2	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 3000	56.3	68.1	72.6	84.8	88.4	88.5	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 2500	57.1	69.1	73.9	86.1	90.0	90.1	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 2000	60.2	72.9	78.1	91.0	95.1	95.2	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1800	60.2	72.9	78.1	91.0	95.1	95.2	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1500	60.2	73.3	78.5	91.8	95.9	96.0	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1200	60.3	73.5	78.9	92.1	96.2	96.3	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1000	60.4	73.6	79.2	92.9	97.0	97.1	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 900	60.4	73.7	79.3	93.2	97.4	97.6	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 800	60.4	73.7	79.3	93.2	97.6	97.8	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 700	60.4	73.9	79.4	93.3	97.7	97.9	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	60.4	73.9	79.4	93.3	98.1	98.3	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	60.4	73.9	79.4	93.3	98.1	98.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	60.4	73.9	79.4	93.3	98.1	98.4	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	60.4	73.9	79.4	93.3	98.1	98.4	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	60.4	73.9	79.4	93.3	98.1	98.4	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	60.4	73.9	79.4	93.3	98.1	98.4	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	60.4	73.9	79.4	93.3	98.1	98.4	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35951 WOODBRIDGE RAF UK

74-83

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	61.9	60.0	65.8	66.0	66.8	66.7	66.3	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 20000	20.8	27.9	30.3	34.3	35.7	35.8	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3
IV 18000	27.3	36.2	39.2	44.4	46.6	46.7	47.3	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 16000	27.3	36.2	39.2	44.4	46.6	46.7	47.3	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 14000	27.3	36.3	39.3	44.5	46.7	46.8	47.4	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7
IV 12000	27.5	36.5	39.5	44.7	46.9	47.1	47.6	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9
IV 10000	28.8	38.0	41.0	47.3	49.6	49.7	50.3	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6
IV 9000	29.9	39.2	42.2	48.4	51.1	51.2	51.7	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1
IV 8000	35.8	46.5	49.9	57.8	60.6	60.7	61.4	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 7000	37.1	48.2	51.6	59.8	62.6	62.7	63.5	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 6000	37.6	48.5	51.9	60.2	63.0	63.1	63.8	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 5000	40.0	51.3	54.9	63.5	66.3	66.4	67.2	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 4500	40.9	52.7	57.0	65.5	68.6	68.7	69.5	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 4000	45.2	57.6	62.0	70.9	74.8	74.9	75.3	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 3500	47.6	61.6	66.5	76.5	80.3	80.4	81.4	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 3000	51.2	66.5	72.2	82.9	86.8	86.9	87.9	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 2500	51.5	67.0	72.7	83.4	87.3	87.4	88.4	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 2000	53.1	69.0	75.2	86.0	89.9	90.0	91.0	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 1800	53.1	69.1	75.3	86.1	90.1	90.2	91.2	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 1500	53.7	70.0	76.2	87.8	91.9	92.1	93.2	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 1200	54.3	70.9	77.2	89.0	93.1	93.4	94.5	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1000	54.3	71.1	77.5	89.7	93.8	94.1	95.2	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 900	54.3	71.1	77.6	89.8	93.9	94.2	95.3	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 800	54.3	71.1	77.8	90.0	94.1	94.4	95.6	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 700	54.3	71.1	77.8	90.1	94.5	94.9	96.0	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 600	54.3	71.1	77.8	90.1	94.5	94.9	96.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 500	54.3	71.1	77.8	90.4	94.9	95.3	96.6	98.7	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	54.3	71.1	77.8	90.4	94.9	95.3	96.7	98.9	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	54.3	71.1	77.8	90.4	94.9	95.3	96.7	98.9	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	54.3	71.1	77.8	90.4	94.9	95.3	96.7	98.9	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	54.3	71.1	77.8	90.4	94.9	95.3	96.7	98.9	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	54.3	71.1	77.8	90.4	94.9	95.3	96.7	98.9	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35951 WOODBRIDGE RAF UK

74-83

145

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.02
NO CEILING	23.6	29.1	32.5	38.6	41.3	41.7	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 20000	26.0	32.6	36.5	43.5	46.9	47.6	48.5	48.5	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 18000	26.0	32.6	36.5	43.5	46.9	47.6	48.5	48.5	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 16000	26.0	32.6	36.5	43.5	46.9	47.6	48.5	48.5	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 14000	26.0	32.6	36.5	43.5	46.9	47.6	48.5	48.5	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 12000	26.0	32.6	36.5	43.5	46.9	47.6	48.5	48.5	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 10000	26.3	33.6	37.5	45.4	48.8	49.5	50.4	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 9000	27.3	34.8	38.7	46.6	50.1	50.7	51.6	51.6	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 8000	31.6	40.9	45.4	53.8	58.4	59.1	60.0	60.0	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 7000	32.3	41.6	46.1	55.2	60.0	60.6	61.5	61.5	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 6000	32.4	41.7	46.2	55.3	60.1	60.7	61.6	61.6	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 5000	35.8	45.9	50.4	60.2	65.0	65.6	66.7	66.7	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 4500	37.4	47.9	52.7	62.6	67.5	68.2	69.4	69.4	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4000	40.7	52.8	58.1	68.5	73.7	74.4	75.8	76.0	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3500	42.8	55.2	60.7	72.0	77.3	78.0	79.4	79.6	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3000	44.9	58.5	64.3	76.3	81.9	82.5	84.1	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	45.1	58.7	64.5	76.6	82.2	82.9	84.4	85.0	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2000	46.2	60.1	66.3	78.9	84.4	85.1	86.7	87.3	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1800	46.4	60.3	66.5	79.1	84.8	85.4	87.0	87.7	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1600	47.3	61.2	67.5	80.6	86.3	87.0	88.7	89.3	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1400	48.2	62.5	68.9	82.0	87.7	88.3	90.0	90.9	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1200	49.3	64.0	70.3	83.6	89.5	90.5	92.3	93.2	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	49.3	64.0	70.3	83.6	89.5	90.5	92.3	93.2	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	49.4	64.1	70.5	84.3	91.0	92.0	94.0	95.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	49.4	64.1	70.5	84.3	91.0	92.0	94.0	95.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 700	49.4	64.1	70.5	84.3	91.0	92.0	94.0	95.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	49.4	64.1	70.5	84.3	91.0	92.0	94.0	95.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 500	49.4	64.1	70.5	84.3	91.0	92.0	94.0	95.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 400	49.4	64.1	70.5	84.3	91.0	92.0	94.0	95.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 300	49.4	64.1	70.5	84.3	91.0	92.0	94.0	95.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 200	49.4	64.1	70.5	84.3	91.0	92.0	94.0	95.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 100	49.4	64.1	70.5	84.3	91.0	92.0	94.0	95.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 0	49.4	64.1	70.5	84.3	91.0	92.0	94.0	95.2	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8

TOTAL NUMBER OF OBSERVATIONS 899

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 035951 WOODBRIIDGE RAF UK

74-83

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	19.7	24.3	26.4	33.1	35.6	35.9	37.1	37.5	37.6	37.7	37.8	37.8	37.8	37.8	37.8	37.8
≥ 20000	22.5	28.9	31.8	39.3	42.4	42.9	44.1	44.6	44.7	44.9	44.9	44.9	44.9	44.9	45.1	45.1
≥ 18000	22.6	29.0	31.9	39.4	42.5	43.0	44.2	44.7	44.8	45.0	45.0	45.0	45.0	45.0	45.1	45.1
≥ 16000	22.6	29.0	31.9	39.4	42.5	43.0	44.2	44.7	44.8	45.0	45.0	45.0	45.0	45.0	45.1	45.1
≥ 14000	22.6	29.0	32.0	39.5	42.6	43.0	44.3	44.7	44.8	45.0	45.0	45.1	45.1	45.1	45.1	45.1
≥ 12000	22.6	29.0	32.0	39.5	42.6	43.0	44.3	44.7	45.1	45.2	45.5	45.5	45.5	45.5	45.5	45.5
≥ 10000	23.6	30.5	33.6	41.7	45.0	45.4	46.7	47.1	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 9000	24.6	31.6	34.7	43.2	46.6	47.1	48.4	48.8	48.9	49.1	49.1	49.1	49.1	49.1	49.2	49.2
≥ 8000	28.1	36.4	39.9	49.8	53.6	54.2	55.7	56.1	56.3	56.6	56.6	56.6	56.6	56.6	56.7	56.7
≥ 7000	28.9	37.4	41.0	51.2	55.1	55.7	57.2	57.7	57.9	58.2	58.2	58.3	58.3	58.3	58.3	58.3
≥ 6000	29.7	37.6	41.2	51.5	55.4	55.9	57.5	58.0	58.1	58.5	58.5	58.5	58.5	58.5	58.6	58.6
≥ 5000	31.2	40.2	44.3	54.5	58.5	59.1	61.7	61.2	61.4	61.7	61.8	61.8	61.8	61.8	61.8	61.8
≥ 4500	32.6	42.0	46.7	56.6	61.7	61.3	62.9	63.5	63.7	64.0	64.0	64.0	64.0	64.0	64.1	64.1
≥ 4000	36.6	46.7	51.2	63.0	67.4	68.0	69.7	70.3	70.6	71.0	71.0	71.0	71.0	71.0	71.1	71.1
≥ 3500	39.8	50.5	55.4	68.1	72.6	73.2	75.0	75.7	75.9	76.3	76.4	76.4	76.4	76.4	76.4	76.4
≥ 3000	43.3	55.2	62.8	74.5	79.3	80.0	81.9	82.7	83.0	83.4	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2500	43.9	56.1	61.8	75.7	80.6	81.3	83.1	84.1	84.3	84.7	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2000	45.7	58.4	64.4	79.0	84.1	84.7	86.7	87.6	87.9	88.3	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	45.9	58.7	64.8	79.4	84.6	85.2	87.1	88.1	88.4	88.8	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1500	46.4	59.5	65.8	80.9	86.2	86.9	88.9	89.9	90.2	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	47.0	60.5	66.9	82.6	88.1	88.8	90.9	91.9	92.3	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000	47.4	61.1	67.6	83.7	89.3	90.1	92.3	93.4	93.8	94.2	94.2	94.3	94.3	94.3	94.3	94.3
≥ 900	47.4	61.2	67.7	83.9	89.7	90.5	92.6	93.8	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	47.5	61.4	68.0	84.3	90.3	91.1	93.3	94.6	95.0	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	47.6	61.5	68.2	84.6	90.8	91.7	94.0	95.3	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 600	47.6	61.5	68.3	84.9	91.3	92.2	94.7	96.1	96.6	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 500	47.6	61.5	68.3	85.0	91.6	92.6	95.2	96.9	97.4	97.9	98.0	98.0	98.0	98.0	98.1	98.1
≥ 400	47.6	61.5	68.3	85.1	91.7	92.7	95.4	97.3	97.8	98.4	98.5	98.5	98.5	98.5	98.6	98.6
≥ 300	47.6	61.5	68.3	85.1	91.8	92.8	95.6	97.5	98.1	98.8	98.9	98.9	98.9	98.9	99.1	99.1
≥ 200	47.6	61.5	68.3	85.1	91.8	92.8	95.7	97.6	98.2	99.0	99.1	99.2	99.3	99.3	99.6	99.7
≥ 100	47.6	61.5	68.3	85.1	91.8	92.8	95.7	97.6	98.2	99.0	99.1	99.2	99.4	99.5	99.8	100.0
≥ 0	47.6	61.5	68.3	85.1	91.8	92.8	95.7	97.6	98.2	99.0	99.1	99.2	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6987

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

135951 WOODBRIDGE RAF UK

74-83

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO. CEILING	ST9	FG90	GF8	GF5	GF4	GF3	GF2	GF2	GF1	GF1	GF1	GF1	GF1	GF1	GF1	GF1
≥20000	25.3	29.7	36.4	43.4	47.2	47.9	51.2	51.2	51.5	51.5	51.5	51.6	51.6	51.7	51.7	51.7
≥18000	27.9	32.5	39.6	47.3	51.4	52.3	55.3	56.4	56.8	56.8	56.8	56.9	56.9	57.0	57.0	57.0
≥16000	27.9	32.5	39.6	47.3	51.4	52.3	55.3	56.4	56.8	56.8	56.8	56.9	56.9	57.0	57.0	57.0
≥14000	27.9	32.5	39.6	47.3	51.4	52.3	55.3	56.4	56.8	56.8	56.8	56.9	56.9	57.0	57.0	57.0
≥12000	28.2	32.8	39.9	47.6	51.6	52.5	55.5	56.7	57.0	57.0	57.0	57.2	57.2	57.3	57.3	57.3
≥10000	29.1	34.4	41.8	49.5	53.5	54.4	57.5	58.9	59.3	59.5	59.5	59.6	59.6	59.9	59.9	59.9
≥9000	29.5	35.0	42.4	50.3	54.3	55.3	58.3	59.8	60.1	60.4	60.4	60.5	60.5	60.7	60.7	60.7
≥8000	33.7	41.2	49.5	58.5	62.5	63.4	66.5	67.9	68.3	68.5	68.5	68.6	68.6	68.9	68.9	68.9
≥7000	34.3	41.9	50.2	59.3	63.3	64.3	67.5	68.9	69.2	69.5	69.6	69.7	69.7	69.9	69.9	69.9
≥6000	34.4	42.0	50.3	59.4	63.4	64.4	67.6	69.0	69.3	69.6	69.7	69.8	69.8	70.1	70.1	70.1
≥5000	37.9	46.0	54.4	63.8	68.2	69.1	72.3	73.7	74.1	74.3	74.4	74.6	74.6	74.8	74.8	74.8
≥4500	39.4	47.9	56.4	65.9	70.3	71.2	74.4	75.9	76.2	76.4	76.6	76.7	76.7	76.9	76.9	76.9
≥4000	41.7	51.1	60.0	70.9	75.4	76.3	79.8	81.2	81.5	81.8	81.9	82.0	82.0	82.2	82.2	82.2
≥3500	43.2	53.0	62.0	73.6	78.1	79.1	82.6	84.0	84.4	84.6	84.7	84.9	84.9	85.1	85.1	85.1
≥3000	44.4	54.6	63.9	76.1	81.1	82.1	85.7	87.1	87.5	87.7	87.8	87.9	87.9	88.2	88.2	88.2
≥2500	44.4	54.6	63.9	76.2	81.4	82.5	86.0	87.5	87.8	88.0	88.2	88.3	88.3	88.5	88.5	88.5
≥2000	45.6	56.1	65.6	78.6	84.5	85.7	89.6	91.0	91.4	91.6	91.7	91.8	91.8	92.1	92.1	92.1
≥1800	45.6	56.1	65.6	78.8	84.7	85.9	89.8	91.2	91.6	91.8	92.0	92.1	92.1	92.3	92.3	92.3
≥1600	46.2	56.7	66.2	79.6	85.6	86.7	90.7	92.3	92.7	92.9	93.0	93.1	93.1	93.4	93.4	93.4
≥1400	46.4	57.3	67.1	80.9	87.0	88.2	92.1	93.7	94.1	94.3	94.4	94.6	94.6	94.9	94.9	94.9
≥1200	46.6	57.5	67.5	81.3	87.3	88.8	92.7	94.4	94.8	95.0	95.1	95.3	95.3	95.5	95.5	95.5
≥1000	46.6	57.5	67.5	81.8	87.8	89.2	93.1	94.9	95.3	95.5	95.6	95.7	95.7	96.0	96.0	96.0
≥900	46.6	57.5	67.5	82.4	88.4	89.8	93.7	95.5	95.9	96.1	96.2	96.3	96.3	96.6	96.6	96.6
≥800	46.6	57.5	67.5	82.4	88.4	89.8	93.8	95.6	96.0	96.2	96.3	96.4	96.4	96.7	96.7	96.7
≥700	46.6	57.5	67.5	82.4	88.8	90.2	94.6	96.3	96.7	96.9	97.0	97.2	97.2	97.4	97.4	97.4
≥600	46.6	57.5	67.5	82.4	88.8	90.2	94.7	96.4	96.8	97.0	97.2	97.3	97.3	97.5	97.5	97.5
≥500	46.6	57.5	67.5	82.6	89.0	90.4	94.9	96.7	97.0	97.3	97.4	97.5	97.5	97.8	97.8	97.8
≥400	46.6	57.5	67.5	82.6	89.0	90.5	95.0	97.4	98.0	98.5	98.6	98.7	98.7	99.1	99.1	99.4
≥300	46.6	57.5	67.5	82.6	89.0	90.5	95.0	97.4	98.0	98.5	98.6	98.7	98.8	98.9	99.3	100.0
≥200	46.6	57.5	67.5	82.6	89.0	90.5	95.0	97.4	98.0	98.5	98.6	98.7	98.8	98.9	99.3	100.0
≥100	46.6	57.5	67.5	82.6	89.0	90.5	95.0	97.4	98.0	98.5	98.6	98.7	98.8	98.9	99.3	100.0
≥0	46.6	57.5	67.5	82.6	89.0	90.5	95.0	97.4	98.0	98.5	98.6	98.7	98.8	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 885

USAF ETAC FORM 1-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

735951 WOODBRIDGE RAF UK

74-83

411

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-0500

CEILING FEET	VISIBILITY: STATUTE MILES																OR (HUNDREDS OF METERS)													
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.075	≥0.05	≥0.025	≥0.015	≥0.01	≥0.0075	≥0.005	≥0.0025	≥0.0015	≥0.001	≥0.00075	≥0.0005	≥0.00025	≥0.00015	≥0.0001	
NO CEILING ≥ 20000	17.6	23.7	27.3	35.2	38.4	79.7	41.3	43.2	43.5	44.1	44.6	44.7	44.8	45.7	45.1	45.1														
≥ 18000	18.7	25.7	30.0	38.4	41.5	42.1	44.7	46.9	47.4	48.2	48.8	49.1	49.2	49.3	49.4	49.4														
≥ 16000	18.7	25.7	30.0	38.4	41.5	42.1	44.7	46.9	47.4	48.2	48.8	49.1	49.2	49.3	49.4	49.4														
≥ 14000	18.7	25.7	30.0	38.4	41.5	42.1	44.7	46.9	47.4	48.2	48.8	49.1	49.2	49.3	49.4	49.5														
≥ 12000	18.7	25.7	30.0	38.4	41.5	42.1	44.7	46.9	47.4	48.2	48.8	49.1	49.2	49.3	49.4	49.5														
≥ 10000	19.7	26.3	30.9	39.4	42.6	43.2	46.1	48.6	49.1	49.9	50.5	50.9	51.8	52.3	52.7	52.8														
≥ 8000	21.1	27.5	32.4	41.2	44.5	45.1	48.0	50.5	50.9	51.8	52.3	52.7	52.8	53.1	53.3	53.3														
≥ 7000	23.1	32.4	38.7	49.3	53.2	54.1	57.6	60.1	60.8	61.6	62.2	62.6	62.7	62.9	63.1	63.1														
≥ 6000	23.4	33.7	40.0	50.9	54.9	55.9	59.4	62.0	62.7	63.5	64.1	64.4	64.6	64.8	65.0	65.0														
≥ 5000	23.9	33.9	40.3	51.2	55.2	56.1	59.6	62.2	62.9	63.7	64.3	64.7	64.8	65.0	65.3	65.3														
≥ 4500	25.6	36.2	42.7	54.0	58.2	59.2	62.7	65.6	66.3	67.1	67.7	68.1	68.2	68.4	68.7	68.7														
≥ 4000	26.9	38.3	45.4	56.7	61.2	62.1	65.6	68.5	69.2	70.2	70.8	71.1	71.2	71.5	71.7	71.7														
≥ 3500	29.7	42.6	48.1	61.6	66.4	67.6	71.2	74.2	75.7	75.9	76.5	76.9	77.0	77.2	77.5	77.5														
≥ 3000	33.9	43.0	50.8	65.0	70.0	71.2	74.9	77.8	78.6	79.6	80.2	80.5	80.6	80.9	81.1	81.1														
≥ 2500	31.9	44.2	52.6	67.6	72.9	74.4	78.1	81.3	82.2	83.1	83.7	84.0	84.2	84.4	84.6	84.6														
≥ 2000	32.3	44.8	53.2	68.3	73.7	75.2	78.9	82.4	83.3	84.3	84.9	85.2	85.3	85.6	85.8	85.8														
≥ 1800	33.5	46.0	54.5	69.6	75.4	77.1	80.8	84.3	85.2	86.2	86.7	87.1	87.2	87.4	87.7	87.7														
≥ 1500	33.5	46.3	54.5	70.0	75.7	77.5	81.1	84.6	85.6	86.5	87.1	87.4	87.6	87.8	88.0	88.0														
≥ 1200	34.2	46.7	55.3	71.2	77.0	78.8	82.4	85.9	86.9	87.8	88.4	88.7	88.8	89.1	89.3	89.3														
≥ 1000	34.3	47.2	56.1	72.9	79.7	80.9	84.7	88.3	89.2	90.1	90.7	91.1	91.2	91.4	91.7	91.7														
≥ 900	34.5	47.5	56.8	73.9	80.2	82.0	85.9	89.8	90.7	91.7	92.3	92.6	92.7	93.1	93.2	93.2														
≥ 800	34.5	47.5	56.8	74.2	80.4	82.3	86.2	90.0	91.0	91.9	92.5	92.8	93.0	93.2	93.4	93.4														
≥ 700	34.5	47.7	56.9	74.5	80.9	82.7	86.9	90.7	91.7	92.6	93.2	93.5	93.7	93.8	94.0	94.2														
≥ 600	34.5	47.7	56.9	74.5	81.2	83.1	87.7	91.5	92.5	93.5	94.1	94.5	94.8	94.8	95.1	95.1														
≥ 500	34.5	47.7	56.9	74.9	81.7	83.6	88.4	92.3	93.5	94.6	95.2	95.5	95.7	95.9	96.1	96.2														
≥ 400	34.5	47.7	56.9	74.9	81.7	83.6	88.7	92.7	94.0	95.3	95.9	96.2	96.4	96.6	96.8	96.9														
≥ 300	34.5	47.7	56.9	74.9	81.7	83.6	88.7	93.1	94.4	96.0	96.7	97.1	97.3	97.5	97.8	97.9														
≥ 200	34.5	47.7	57.7	75.0	81.8	83.7	88.8	93.2	94.5	96.1	96.9	97.4	97.7	98.2	98.7	99.3														
≥ 100	34.5	47.7	57.0	75.0	81.8	83.7	88.8	93.2	94.5	96.1	96.9	97.4	97.7	98.2	98.7	100.0														
≥ 0	34.5	47.7	57.0	75.0	81.8	83.7	88.8	93.2	94.5	96.1	96.9	97.4	97.7	98.2	98.7	100.0														

TOTAL NUMBER OF OBSERVATIONS 852

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 35951 000BRIDGE RAF UK

74-83

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2600-2800
LOCAL TIME

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05
NO CEILING	14.8	21.5	25.2	33.1	35.3	35.6	36.9	37.6	37.8	38.2	38.3	38.3	38.3	38.3	38.3	38.3
≥ 20000	17.3	24.6	28.8	38.1	40.6	40.9	42.5	43.3	43.5	43.9	44.0	44.2	44.2	44.2	44.2	44.2
≥ 18000	17.3	24.6	28.8	38.1	40.6	40.9	42.5	43.3	43.5	43.9	44.0	44.2	44.2	44.2	44.2	44.2
≥ 16000	17.3	24.6	28.8	38.1	40.6	40.9	42.5	43.3	43.5	43.9	44.0	44.2	44.2	44.2	44.2	44.2
≥ 14000	17.3	24.6	28.8	38.1	40.6	40.9	42.5	43.3	43.5	43.9	44.0	44.2	44.2	44.4	44.4	44.5
≥ 12000	17.5	24.8	29.0	38.4	41.0	41.4	43.0	43.9	44.1	44.6	44.7	44.9	44.9	45.0	45.0	45.2
≥ 10000	18.5	26.3	30.8	40.9	43.7	44.1	46.1	47.1	47.3	47.8	47.9	48.1	48.1	48.3	48.3	48.6
≥ 9000	19.7	27.1	31.7	42.4	45.2	45.8	48.0	49.1	49.3	49.8	49.9	50.1	50.1	50.3	50.3	50.6
≥ 8000	21.3	30.9	36.7	50.3	54.4	55.0	57.5	58.6	58.8	59.5	59.6	59.8	59.8	60.1	60.1	60.3
≥ 7000	22.1	32.1	37.9	52.0	56.2	56.7	59.4	60.5	60.7	61.4	61.5	61.7	61.7	61.9	61.9	62.2
≥ 6000	22.1	32.2	38.1	52.2	56.4	57.0	59.6	60.7	61.0	61.6	61.7	61.9	61.9	62.2	62.2	62.4
≥ 5000	23.8	34.4	40.5	55.3	59.8	60.5	63.3	64.4	64.7	65.7	65.8	66.0	66.0	66.3	66.3	66.5
≥ 4500	24.7	36.3	43.1	58.6	63.3	63.9	66.7	67.8	68.1	69.1	69.2	69.5	69.5	69.7	69.7	69.9
≥ 4000	26.7	38.6	45.9	63.3	68.0	68.7	71.5	72.6	72.9	74.1	74.2	74.4	74.4	74.7	74.7	74.9
≥ 3500	28.5	41.0	48.7	66.8	71.7	72.3	75.4	76.5	76.9	78.1	78.2	78.4	78.4	78.7	78.7	78.9
≥ 3000	30.3	43.3	51.2	70.2	75.3	76.0	79.1	80.3	80.6	81.9	82.0	82.2	82.2	82.4	82.4	82.6
≥ 2500	30.5	43.5	51.4	70.6	75.7	76.3	79.4	80.6	81.0	82.2	82.3	82.5	82.5	82.7	82.7	83.0
≥ 2000	32.2	45.5	53.8	73.1	78.3	79.0	82.2	83.4	83.7	85.0	85.1	85.3	85.3	85.5	85.5	85.7
≥ 1800	32.4	45.8	54.2	73.6	78.8	79.4	82.6	83.8	84.2	85.4	85.5	85.7	85.7	86.0	86.0	86.2
≥ 1500	32.9	46.5	55.3	74.9	80.2	80.9	84.2	85.5	85.8	87.1	87.2	87.4	87.4	87.6	87.6	87.8
≥ 1200	33.3	47.1	56.4	77.2	83.2	83.8	87.4	88.7	89.0	90.3	90.4	90.6	90.6	90.8	90.8	91.0
≥ 1000	33.3	47.2	56.9	78.8	84.7	85.5	89.4	90.7	91.0	92.4	92.5	92.7	92.7	92.9	92.9	93.1
≥ 900	33.3	47.2	56.9	79.2	85.6	86.4	90.4	91.8	92.1	93.5	93.6	93.8	93.8	94.0	94.0	94.2
≥ 800	33.5	47.5	57.1	79.9	86.4	87.2	91.4	92.9	93.4	94.7	94.8	95.0	95.0	95.2	95.2	95.5
≥ 700	33.5	47.5	57.1	80.2	87.1	87.8	92.0	93.6	94.1	95.5	95.6	95.8	95.8	96.0	96.0	96.2
≥ 600	33.5	47.5	57.1	80.3	87.2	87.9	92.4	94.0	94.6	95.9	96.0	96.2	96.2	96.5	96.5	96.7
≥ 500	33.5	47.5	57.1	80.4	87.3	88.1	92.9	94.7	95.2	96.6	96.7	96.9	96.9	97.1	97.1	97.3
≥ 400	33.5	47.5	57.1	80.4	87.4	88.2	93.1	95.0	95.6	97.0	97.2	97.5	97.5	97.7	97.7	97.9
≥ 300	33.5	47.5	57.1	80.4	87.5	88.3	93.4	95.4	96.0	97.8	98.0	98.2	98.2	98.5	98.5	98.7
≥ 200	33.5	47.5	57.1	80.4	87.5	88.3	93.4	95.4	96.1	98.0	98.2	98.6	98.6	99.2	99.3	99.9
≥ 100	33.5	47.5	57.1	80.4	87.5	88.3	93.4	95.4	96.1	98.0	98.2	98.6	98.6	99.2	99.3	100.0
≥ 0	33.5	47.5	57.1	80.4	87.5	88.3	93.4	95.4	96.1	98.0	98.2	98.6	98.6	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 908

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 35951 WOODBRIDGE RAF UK

74-83

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1990-1999

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	17.7	22.2	24.5	28.9	31.6	30.9	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
≥ 20000	21.1	26.7	29.8	35.1	37.6	37.8	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.3	38.3	38.3
18000	21.1	26.7	29.8	35.2	37.7	38.0	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.4	38.4	38.4
16000	21.1	26.7	29.8	35.2	37.7	38.0	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.4	38.4	38.4
14000	21.2	26.8	29.9	35.3	37.8	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.5	38.5	38.5
12000	21.4	27.2	30.3	35.8	38.5	38.7	39.7	39.0	39.0	39.0	39.0	39.0	39.0	39.1	39.1	39.1
10000	22.6	28.6	31.9	37.7	40.8	41.1	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.7	41.7	41.7
9000	23.3	30.0	33.4	39.4	42.8	42.7	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.3	43.3	43.3
8000	25.5	32.8	37.7	44.7	48.3	48.6	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.4	49.4	49.4
7000	26.3	34.7	38.5	46.7	50.3	50.6	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.8	51.8	51.8
6000	26.9	34.6	39.1	47.5	51.2	51.5	52.7	52.0	52.0	52.2	52.2	52.2	52.2	52.3	52.3	52.3
5000	29.9	37.8	42.6	52.2	55.8	56.1	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.9	56.9	56.9
4500	32.6	40.9	45.6	55.7	59.8	59.7	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.4
4000	38.5	47.7	53.0	64.0	68.1	68.5	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.8	69.8	69.8
3500	40.6	51.0	56.6	68.6	72.8	73.2	74.7	74.0	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.2
3000	45.7	56.9	63.7	76.9	81.2	81.6	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.9	82.9	82.9
2500	46.5	57.7	64.0	78.2	82.5	82.9	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.2	84.2	84.2
2000	48.7	61.5	68.5	83.7	88.3	88.7	89.7	89.8	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.0
1800	48.9	61.8	69.2	84.4	89.0	89.5	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.8	90.8	90.8
1500	49.2	62.6	70.3	86.0	90.6	91.1	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4
1200	49.7	63.5	71.9	88.5	93.4	93.9	94.9	95.1	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4
1000	49.8	63.8	72.2	89.5	94.8	95.4	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9
900	49.8	63.8	72.2	89.7	95.2	95.7	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3
800	49.8	63.8	72.2	89.8	95.5	96.0	97.4	97.6	97.7	97.8	97.8	97.8	97.8	98.0	98.0	98.0
700	49.8	63.8	72.2	89.8	95.8	96.3	97.8	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4
600	49.8	63.8	72.2	89.8	95.8	96.3	97.8	98.1	98.2	98.3	98.3	98.3	98.3	98.5	98.5	98.5
500	49.8	63.8	72.2	89.8	96.2	96.8	98.4	98.9	99.0	99.1	99.1	99.1	99.1	99.4	99.4	99.4
400	49.8	63.8	72.2	89.8	96.2	96.8	98.4	98.9	99.0	99.1	99.1	99.1	99.1	99.4	99.4	99.4
300	49.8	63.8	72.2	89.8	96.2	96.8	98.4	98.9	99.0	99.1	99.1	99.1	99.1	99.4	99.4	99.4
200	49.8	63.8	72.2	89.8	96.2	96.8	98.4	98.9	99.0	99.1	99.1	99.1	99.1	99.4	99.4	99.4
100	49.8	63.8	72.2	89.8	96.2	96.8	98.4	98.9	99.0	99.1	99.1	99.1	99.1	99.4	99.4	99.4
0	49.8	63.8	72.2	89.8	96.2	96.8	98.4	98.9	99.0	99.1	99.1	99.1	99.1	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 937

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035951 WOODBRIDGE RAF UK

74-87

1974

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1222-1400

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																			
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	17.3	20.8	22.9	27.8	29.1	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
≥ 20000	19.8	25.4	28.1	34.3	35.8	36.2	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 18000	19.8	25.4	28.1	34.3	35.8	36.2	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 16000	19.8	25.4	28.1	34.3	35.8	36.2	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 14000	19.8	25.4	28.1	34.3	35.8	36.2	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 12000	20.2	25.9	28.7	34.9	36.5	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 10000	21.5	27.3	30.2	36.6	38.2	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 9000	22.2	28.0	30.9	37.2	38.8	39.2	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 8000	26.0	32.5	36.3	43.2	44.9	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 7000	26.7	33.1	37.1	44.1	46.0	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 6000	27.0	33.8	37.7	44.7	46.7	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 5000	30.9	38.2	42.6	49.9	51.8	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 4500	34.5	42.7	47.3	55.6	57.5	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 4000	41.2	51.1	56.6	65.4	67.3	67.8	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 3500	48.2	59.5	65.3	75.1	77.1	77.6	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3000	53.0	66.1	71.9	83.3	85.8	86.3	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2500	53.7	66.9	73.0	84.6	87.1	87.6	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2000	55.9	70.1	77.1	89.4	92.4	93.0	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	56.1	70.4	77.4	89.8	92.8	93.4	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	56.3	71.6	78.8	91.6	94.7	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	56.3	71.8	79.2	93.0	96.3	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	56.3	71.8	79.4	93.8	97.1	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	56.3	71.8	79.4	93.8	97.1	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	56.3	71.8	79.4	94.2	97.6	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	56.3	71.8	79.4	94.4	98.0	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	56.3	71.8	79.4	94.4	98.0	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	56.3	71.8	79.4	94.4	98.0	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	56.3	71.8	79.4	94.4	98.0	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	56.3	71.8	79.4	94.4	98.0	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	56.3	71.8	79.4	94.4	98.0	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	56.3	71.8	79.4	94.4	98.0	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	56.3	71.8	79.4	94.4	98.0	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035951 WOODBRIDGE RAF UK

74-83

1111

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1530-1700

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	61.9	60.0	68.7	66.0	64.8	64.0	63.2	62.4	62.2	61.6	61.2	61.0	60.8	60.5	60.4	60.0
≥20000	20.2	24.7	27.7	31.8	33.2	33.4	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
IV 18000	22.9	29.0	32.5	37.2	38.8	39.1	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
IV 16000	22.9	29.0	32.5	37.2	38.8	39.1	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
IV 14000	22.9	29.0	32.5	37.2	38.8	39.1	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
IV 12000	22.9	29.0	32.5	37.2	38.8	39.1	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
IV 10000	22.9	29.0	32.5	37.2	38.8	39.1	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
IV 9000	25.8	32.4	36.4	41.9	43.5	43.8	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
IV 8000	26.7	33.6	37.6	43.1	44.7	45.0	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
IV 7000	32.4	40.4	45.3	51.9	53.5	53.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 6000	32.7	41.2	46.2	52.7	54.4	54.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 5000	32.8	41.4	46.4	53.1	54.7	55.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IV 4500	36.6	46.1	51.2	58.1	59.7	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 4000	40.7	50.9	56.6	63.5	65.2	65.7	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 3500	47.3	58.7	65.2	73.0	74.8	75.2	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 3000	51.1	63.7	70.7	79.4	81.4	81.8	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 2500	55.4	68.9	76.4	86.1	88.3	88.7	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 2000	56.0	69.5	77.1	87.2	89.3	89.9	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 1800	57.5	71.5	79.1	89.3	91.6	92.1	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1500	57.8	72.1	80.0	90.4	92.7	93.2	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1200	58.0	72.4	80.4	91.3	93.5	94.1	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1000	58.1	72.9	81.7	93.2	95.6	96.1	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 900	58.1	73.1	81.9	93.5	96.2	96.8	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 800	58.1	73.1	81.9	93.5	96.4	97.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 700	58.1	73.1	81.9	93.6	96.9	97.4	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	58.1	73.1	81.9	93.6	96.9	97.4	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	58.1	73.1	81.9	93.6	97.0	97.5	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 400	58.1	73.1	81.9	93.6	97.0	97.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	58.1	73.1	81.9	93.6	97.0	97.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	58.1	73.1	81.9	93.6	97.0	97.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 100	58.1	73.1	81.9	93.6	97.0	97.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 0	58.1	73.1	81.9	93.6	97.0	97.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35951 WOODBRIDGE RAF UK

74-83

1111

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18-0-2000

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	25.5	33.0	36.7	41.2	42.4	42.6	43.4	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 20000	30.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 18000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 16000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 14000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 12000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 10000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 9000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 8000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 7000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 6000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 5000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 4500	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 4000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 3500	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 3000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 2500	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 2000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 1800	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 1500	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 1200	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 1000	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 900	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 800	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 700	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 600	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 500	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 400	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 300	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 200	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 100	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 0	37.8	39.5	44.3	49.4	51.0	51.2	52.2	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035951 WOODBRIDGE RAF UK

74-83

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2100

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	27.3	31.3	36.1	43.2	45.3	45.9	47.8	48.0	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 20000	30.3	35.1	40.9	48.8	51.5	52.3	54.5	54.9	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 18000	37.3	35.1	40.9	48.8	51.5	52.3	54.5	54.9	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 16000	37.3	35.1	40.9	48.8	51.5	52.3	54.5	54.9	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 14000	37.3	35.1	40.9	48.8	51.5	52.3	54.5	54.9	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 12000	37.3	35.1	40.9	48.8	51.5	52.3	54.5	54.9	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 10000	31.1	36.3	43.3	51.3	54.1	54.8	57.5	58.1	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 9000	31.1	36.3	43.3	51.3	54.1	54.8	57.5	58.1	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 8000	36.5	43.1	51.7	60.4	63.3	64.1	67.1	67.6	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 7000	37.8	44.8	53.5	62.3	65.2	65.9	68.9	69.5	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 6000	38.1	45.1	53.9	62.5	65.4	66.1	69.1	69.7	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 5000	40.6	48.1	57.3	66.5	69.7	70.4	73.5	74.1	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 4500	41.5	49.0	58.7	67.8	71.2	71.9	75.1	75.6	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4000	44.2	52.8	63.1	73.2	76.9	77.6	80.8	81.3	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3500	45.5	54.1	64.5	74.9	78.6	79.4	82.6	83.1	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	47.3	56.6	67.1	78.5	82.7	83.4	86.9	87.5	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500	47.7	57.1	67.6	79.4	83.7	84.4	87.8	88.5	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2000	48.2	57.6	68.3	80.3	84.8	85.4	89.2	90.0	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	48.3	58.0	68.6	80.9	85.4	86.1	89.8	90.5	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	48.8	58.8	69.6	81.9	86.5	87.2	91.7	91.9	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	49.6	59.8	70.5	83.0	87.6	88.5	92.5	93.5	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	49.8	60.3	71.1	83.5	88.3	89.2	93.2	94.4	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 900	49.9	60.4	71.5	84.5	89.2	90.2	94.2	95.4	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 800	49.9	60.4	71.5	85.1	89.8	90.9	95.1	96.2	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 700	50.3	60.5	71.6	85.2	89.9	91.1	95.6	97.0	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 600	50.7	60.5	71.6	85.3	90.0	91.2	95.8	97.2	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 500	50.0	60.5	71.6	85.4	90.1	91.3	95.9	97.3	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 400	50.7	60.6	71.7	85.7	90.4	91.6	96.2	97.6	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 300	50.0	60.6	71.7	85.7	90.4	91.6	96.2	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 200	50.0	60.6	71.7	85.7	90.4	91.6	96.2	98.1	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100	50.0	60.6	71.7	85.7	90.4	91.6	96.2	98.1	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	50.0	60.6	71.7	85.7	90.4	91.6	96.2	98.1	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

135951 000BRIDGE RAF UK

74-83

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
	GE90	GE90	GE80	GE60	GE48	GE40	GE32	GE24	GE20	GE16	GE12	GE10	GE08	GE05	GE04	GE0
NO CEILING	20.8	25.8	29.6	35.5	37.6	38.0	39.2	39.6	39.8	39.9	40.0	40.0	40.0	40.0	40.0	40.0
≥ 20000	23.6	29.8	34.3	41.0	43.5	43.9	45.4	45.9	46.1	46.3	46.4	46.4	46.5	46.6	46.6	46.6
IV 18000	23.6	29.8	34.3	41.1	43.5	44.0	45.4	46.0	46.2	46.4	46.4	46.5	46.6	46.6	46.6	46.6
IV 16000	23.6	29.8	34.3	41.1	43.5	44.0	45.4	46.0	46.2	46.4	46.4	46.5	46.6	46.6	46.6	46.6
IV 14000	23.6	29.8	34.3	41.1	43.5	44.0	45.4	46.0	46.2	46.4	46.5	46.6	46.6	46.7	46.7	46.7
IV 12000	23.9	30.2	34.7	41.5	44.0	44.4	45.9	46.5	46.7	46.9	47.0	47.1	47.1	47.2	47.2	47.2
IV 10000	25.2	31.9	36.7	43.8	46.4	46.9	48.5	49.2	49.4	49.6	49.7	49.8	49.9	50.0	50.0	50.0
IV 9000	25.9	32.8	37.7	45.0	47.6	48.2	49.8	50.5	50.7	50.9	51.0	51.1	51.1	51.2	51.3	51.3
IV 8000	29.6	37.9	44.0	52.6	55.6	56.2	58.0	58.7	58.9	59.2	59.3	59.4	59.4	59.5	59.6	59.6
IV 7000	30.3	39.0	45.1	54.0	56.9	57.6	59.4	60.1	60.4	60.7	60.8	60.8	60.9	61.0	61.0	61.0
IV 6000	30.5	39.3	45.4	54.3	57.3	57.9	59.8	60.5	60.7	61.0	61.1	61.2	61.2	61.3	61.4	61.4
IV 5000	33.4	42.6	49.1	58.4	61.6	62.2	64.1	64.9	65.2	65.6	65.7	65.7	65.8	65.9	65.9	65.9
IV 4500	35.5	45.3	52.1	61.8	65.0	65.7	67.6	68.3	68.6	69.0	69.1	69.2	69.3	69.3	69.4	69.4
IV 4000	39.6	50.5	57.9	68.8	72.3	73.0	75.0	75.8	76.1	76.5	76.6	76.7	76.8	76.9	76.9	76.9
IV 3500	42.3	53.8	61.6	73.2	76.8	77.5	79.6	80.4	80.7	81.1	81.2	81.3	81.4	81.5	81.5	81.5
IV 3000	45.1	57.3	65.4	78.1	81.9	82.7	84.9	85.8	86.1	86.5	86.7	86.8	86.8	86.9	86.9	87.0
IV 2500	45.5	57.9	66.0	78.9	82.9	83.6	85.8	86.7	87.1	87.5	87.6	87.7	87.8	87.9	87.9	87.9
IV 2000	46.9	59.8	68.2	81.6	85.8	86.7	88.9	89.9	90.2	90.7	90.8	90.9	91.0	91.0	91.0	91.1
IV 1800	47.1	60.1	68.6	82.1	86.4	87.2	89.5	90.4	90.8	91.2	91.3	91.4	91.5	91.6	91.6	91.6
IV 1500	47.5	60.8	69.5	83.3	87.6	88.5	90.8	91.8	92.1	92.6	92.7	92.8	92.8	92.9	93.0	93.0
IV 1200	47.8	61.5	70.6	85.1	89.6	90.5	92.9	94.0	94.3	94.8	94.9	95.0	95.0	95.1	95.2	95.2
IV 1000	48.0	61.7	70.9	85.8	90.5	91.5	93.9	95.1	95.4	95.9	96.0	96.1	96.2	96.2	96.3	96.3
IV 900	48.0	61.7	71.0	86.2	91.0	91.9	94.4	95.5	95.9	96.4	96.5	96.6	96.6	96.7	96.7	96.8
IV 800	48.0	61.8	71.0	86.5	91.4	92.4	95.0	96.2	96.6	97.1	97.2	97.3	97.3	97.4	97.4	97.5
IV 700	48.0	61.8	71.0	86.6	91.6	92.6	95.3	96.5	96.9	97.4	97.5	97.6	97.7	97.8	97.8	97.8
IV 600	48.0	61.8	71.0	86.7	91.8	92.7	95.6	96.8	97.2	97.7	97.8	97.9	98.0	98.1	98.1	98.1
IV 500	48.0	61.8	71.0	86.7	91.9	92.9	95.9	97.2	97.6	98.1	98.2	98.3	98.4	98.5	98.5	98.5
IV 400	48.0	61.8	71.1	86.8	92.0	93.0	96.0	97.4	97.8	98.4	98.5	98.6	98.7	98.8	98.8	98.8
IV 300	48.0	61.8	71.1	86.8	92.0	93.0	96.1	97.6	98.1	98.7	98.9	99.0	99.1	99.2	99.3	99.3
IV 200	48.0	61.8	71.1	86.8	92.1	93.1	96.1	97.6	98.1	98.9	99.1	99.2	99.3	99.5	99.6	99.6
IV 100	48.0	61.8	71.1	86.8	92.1	93.1	96.1	97.6	98.1	98.9	99.1	99.2	99.3	99.5	99.7	100.0
IV 0	48.0	61.8	71.1	86.8	92.1	93.1	96.1	97.6	98.1	98.9	99.1	99.2	99.3	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7289

USAF ETAC FORM 101-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

035951 WOODBRIDGE RAF UK

74-83

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-000

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	22.9	31.2	35.2	43.8	48.6	49.2	52.2	53.4	54.3	54.8	55.7	55.1	55.4	55.7	55.7	55.7
≥ 20000	24.8	33.3	37.3	46.5	52.2	52.8	55.9	57.3	58.2	58.7	58.9	59.0	59.3	59.6	59.6	59.6
≥ 18000	24.8	33.3	37.3	46.5	52.2	52.8	55.9	57.3	58.2	58.7	58.9	59.0	59.3	59.6	59.6	59.6
≥ 16000	24.8	33.3	37.3	46.5	52.2	52.8	55.9	57.3	58.2	58.7	58.9	59.0	59.3	59.6	59.6	59.6
≥ 14000	24.8	33.3	37.3	46.5	52.2	52.8	55.9	57.3	58.2	58.7	58.9	59.0	59.3	59.6	59.6	59.6
≥ 12000	24.8	33.3	37.3	46.5	52.2	52.8	55.9	57.3	58.2	58.7	58.9	59.0	59.3	59.6	59.6	59.6
≥ 10000	25.9	34.7	38.9	48.3	54.2	54.7	58.1	59.5	60.3	60.9	61.1	61.2	61.4	61.8	61.8	61.8
≥ 9000	26.7	35.0	39.2	48.8	54.6	55.1	58.5	60.0	61.1	61.6	61.9	62.0	62.2	62.5	62.5	62.5
≥ 8000	29.1	38.8	43.7	54.5	60.3	60.9	64.4	66.2	67.3	68.0	68.3	68.4	68.6	68.9	68.9	68.9
≥ 7000	29.3	38.9	43.8	54.6	60.5	61.0	64.5	66.3	67.4	68.0	68.3	68.4	68.6	68.9	68.9	68.9
≥ 6000	29.3	39.0	43.9	54.7	60.6	61.1	64.6	66.4	67.5	68.1	68.4	68.5	68.7	69.0	69.0	69.0
≥ 5000	29.9	39.7	44.6	55.5	61.5	62.1	65.5	67.4	68.5	69.1	69.4	69.5	69.7	70.0	70.0	70.0
≥ 4500	31.2	41.4	46.4	57.2	63.6	64.1	67.6	69.8	71.3	72.0	72.3	72.4	72.6	72.9	72.9	72.9
≥ 4000	33.0	44.1	49.9	62.0	69.0	69.6	73.2	75.6	77.1	77.9	78.1	78.2	78.4	78.8	78.8	78.8
≥ 3500	34.6	45.9	52.1	64.2	71.7	72.3	75.9	78.4	80.0	80.7	80.9	81.0	81.3	81.6	81.6	81.6
≥ 3000	36.4	48.4	55.3	67.9	75.8	76.5	80.5	83.0	84.5	85.3	85.5	85.6	85.8	86.2	86.2	86.2
≥ 2500	36.5	48.5	55.4	68.1	76.1	76.7	80.9	83.4	84.9	85.7	85.9	86.0	86.2	86.7	86.7	86.7
≥ 2000	37.6	49.8	57.1	70.5	78.8	79.4	83.7	86.2	87.8	88.5	88.7	88.8	89.1	89.5	89.5	89.5
≥ 1800	38.0	50.3	57.5	71.0	79.2	79.8	84.2	86.7	88.2	88.9	89.2	89.3	89.5	89.9	89.9	89.9
≥ 1500	38.4	50.6	57.9	71.6	79.8	80.5	85.0	87.6	89.2	89.9	90.1	90.2	90.5	90.9	90.9	90.9
≥ 1200	38.6	50.8	58.6	72.7	81.7	82.6	87.2	89.8	91.3	92.1	92.3	92.4	92.6	93.1	93.1	93.1
≥ 1000	38.8	51.0	58.8	73.0	82.0	82.9	87.9	90.6	92.1	93.0	93.2	93.3	93.5	93.9	93.9	93.9
≥ 900	38.8	51.0	58.8	73.1	82.1	83.0	88.0	90.7	92.2	93.1	93.3	93.4	93.6	94.0	94.0	94.0
≥ 800	38.8	51.1	58.9	73.5	82.4	83.3	88.4	91.7	93.2	94.0	94.3	94.4	94.6	95.0	95.0	95.0
≥ 700	38.8	51.4	59.2	73.7	82.7	83.5	89.2	92.3	93.8	94.7	94.9	95.0	95.2	95.7	95.7	95.7
≥ 600	38.8	51.4	59.3	74.0	83.1	84.0	89.7	92.8	94.5	95.3	95.6	95.7	95.9	96.3	96.3	96.3
≥ 500	38.8	51.4	59.3	74.3	83.6	84.5	90.5	93.6	95.2	96.2	96.4	96.5	96.7	97.2	97.2	97.2
≥ 400	38.8	51.4	59.3	74.3	83.6	84.5	90.5	93.6	95.2	96.2	96.4	96.5	96.7	97.2	97.2	97.2
≥ 300	38.8	51.4	59.3	74.3	83.6	84.7	91.0	94.6	96.2	97.4	97.7	97.8	98.0	98.6	98.6	98.6
≥ 200	38.8	51.4	59.3	74.3	83.6	84.7	91.0	94.6	96.2	97.4	97.7	97.8	98.0	98.6	98.6	98.6
≥ 100	38.8	51.4	59.3	74.3	83.6	84.7	91.0	94.6	96.2	97.4	97.7	97.8	98.0	98.6	98.6	98.6
≥ 0	38.8	51.4	59.3	74.3	83.6	84.7	91.0	94.6	96.2	97.4	97.7	97.8	98.0	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 923

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLCEAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35951

WOODBRIDGE RAF UK

74-83

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-0500

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
	GT9.7	EQ9.7	GE8.7	GE6.0	GE4.8	GE4.0	GE3.2	GE2.4	GE2.0	GE1.6	GE1.2	GE1.0	GE0.8	GE0.5	GE0.4	GE0.3
NO CEILING	15.0	20.8	24.1	32.6	37.3	38.2	42.5	43.8	44.5	45.8	46.1	46.2	46.4	47.4	47.6	47.7
≥ 20000	16.6	23.2	26.7	36.4	41.5	42.3	46.6	48.5	49.1	50.6	51.3	51.5	51.8	52.8	53.0	53.1
IV 18000	16.6	23.2	26.7	36.4	41.5	42.3	46.6	48.5	49.1	50.6	51.3	51.5	51.8	52.8	53.0	53.1
IV 16000	16.6	23.2	26.7	36.4	41.5	42.3	46.6	48.5	49.1	50.6	51.3	51.5	51.8	52.8	53.0	53.1
IV 14000	16.6	23.2	26.7	36.4	41.5	42.3	46.6	48.5	49.1	50.6	51.3	51.5	51.8	52.8	53.0	53.1
IV 12000	16.7	23.3	26.8	36.5	41.6	42.4	46.8	48.6	49.2	50.9	51.5	51.7	52.1	53.0	53.2	53.4
IV 10000	18.1	24.9	28.5	38.4	43.8	44.8	49.2	51.1	51.7	53.4	54.0	54.3	54.7	55.6	55.8	56.0
IV 9000	18.5	25.6	29.2	39.3	44.7	45.7	50.1	52.2	52.9	54.5	55.2	55.5	55.8	56.8	57.0	57.1
IV 8000	27.8	28.9	33.7	43.6	49.8	50.8	55.7	58.2	59.1	60.8	61.5	61.8	62.1	63.1	63.3	63.4
IV 7000	27.8	29.2	33.3	43.9	50.2	51.2	56.2	58.7	59.7	61.6	62.2	62.6	62.9	63.9	64.1	64.2
IV 6000	21.1	29.5	33.7	44.3	50.5	51.5	56.5	59.0	60.1	61.9	62.6	62.9	63.2	64.2	64.4	64.5
IV 5000	21.6	30.5	34.8	45.6	51.9	52.9	58.0	60.7	61.9	63.7	64.4	64.7	65.0	66.0	66.2	66.3
IV 4500	23.1	32.1	36.8	47.7	54.5	55.5	60.6	63.3	64.5	66.5	67.1	67.4	67.7	68.7	68.9	69.0
IV 4000	25.2	35.7	40.9	53.1	60.2	61.3	66.5	69.3	70.5	72.4	73.1	73.4	73.7	74.7	74.9	75.0
IV 3500	26.5	37.6	43.5	56.0	63.3	64.5	70.0	73.1	74.2	76.2	76.8	77.2	77.5	78.5	78.7	78.8
IV 3000	28.7	40.0	46.6	59.7	67.3	68.5	74.1	77.3	78.6	80.5	81.2	81.5	81.8	82.8	83.0	83.1
IV 2500	28.8	40.2	46.8	59.8	67.4	68.6	74.5	77.6	78.9	80.8	81.5	81.8	82.1	83.1	83.3	83.4
IV 2000	32.3	42.1	48.9	62.4	70.5	71.6	77.8	81.0	82.5	84.4	85.1	85.4	85.7	86.7	86.9	87.0
IV 1800	30.5	42.4	49.2	63.0	71.0	72.2	78.4	81.5	83.1	85.1	85.7	86.0	86.4	87.3	87.6	87.7
IV 1500	31.1	43.2	50.0	64.1	72.2	73.4	79.5	82.7	84.3	86.4	87.0	87.3	87.7	88.6	88.9	89.0
IV 1200	31.2	43.3	50.1	64.4	72.7	74.0	80.5	83.7	85.3	87.3	88.0	88.3	88.6	89.6	89.8	89.9
IV 1000	31.3	43.4	50.2	64.7	73.2	74.6	81.2	84.4	86.0	88.3	89.0	89.3	89.6	90.6	90.8	90.9
IV 900	31.3	43.6	50.4	65.3	74.0	75.4	82.0	85.3	86.9	89.2	89.8	90.2	90.5	91.5	91.7	91.8
IV 800	31.3	43.7	50.5	65.4	74.1	75.5	82.8	86.1	87.8	90.3	90.9	91.2	91.6	92.5	92.7	92.9
IV 700	31.4	43.8	50.6	65.5	74.5	76.0	83.2	87.0	88.6	91.2	91.9	92.2	92.5	93.5	93.7	93.8
IV 600	31.4	43.8	50.6	65.6	74.7	76.3	83.5	87.4	89.2	91.8	92.4	92.7	93.1	94.2	94.4	94.5
IV 500	31.4	43.8	50.6	65.6	75.0	76.8	84.5	88.4	90.2	93.0	93.6	93.9	94.3	95.3	95.6	95.7
IV 400	31.4	43.8	50.6	65.8	75.2	77.1	85.3	89.2	91.0	93.8	94.5	94.8	95.1	96.2	96.4	96.5
IV 300	31.4	43.8	50.6	65.8	75.2	77.1	85.3	89.3	91.2	94.2	94.8	95.1	95.5	96.5	97.0	97.1
IV 200	31.4	43.8	50.6	65.8	75.2	77.1	85.3	89.5	91.6	94.7	95.3	95.8	96.2	97.5	98.1	98.9
IV 100	31.4	43.8	50.6	65.8	75.2	77.1	85.3	89.5	91.6	94.7	95.3	95.8	96.2	97.7	98.4	100.0
IV 0	31.4	43.8	50.6	65.8	75.2	77.1	85.3	89.5	91.6	94.7	95.3	95.8	96.2	97.7	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION C35951 WOODBRIDGE RAF UK

YEAR 74-83

DATE AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

630-6800

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01
NO CEILING	61.9	50.9	48.7	46.3	44.8	43.0	41.2	39.4	37.6	35.8	34.0	32.2	30.4	28.6	26.8	25.0
≥ 20000	10.8	15.9	18.8	27.4	37.6	30.7	32.9	34.4	34.9	36.2	36.2	36.3	36.7	37.7	37.1	37.6
≥ 18000	13.4	19.8	22.7	34.1	37.6	37.9	40.2	42.3	43.1	44.8	45.2	45.3	45.7	46.7	46.1	46.7
≥ 16000	13.4	19.8	22.7	34.1	37.6	37.9	40.2	42.3	43.1	44.8	45.2	45.3	45.7	46.7	46.1	46.7
≥ 14000	13.4	19.8	22.8	34.2	37.7	38.0	40.3	42.5	43.2	44.9	45.3	45.4	45.8	46.8	46.2	46.8
≥ 12000	13.4	19.8	22.8	34.2	37.7	38.3	40.6	42.8	43.5	45.2	45.6	45.7	46.1	47.1	46.5	47.1
≥ 10000	15.2	22.0	25.2	37.5	41.4	41.8	44.3	46.7	47.5	49.6	49.9	50.0	50.4	50.8	50.9	51.4
≥ 9000	15.6	22.4	25.9	38.3	42.1	42.6	45.0	47.5	48.4	50.4	50.8	50.9	51.3	51.6	51.7	52.3
≥ 8000	17.0	23.8	27.8	41.6	46.2	46.8	49.5	52.3	53.2	55.3	55.6	55.7	56.1	56.5	56.6	57.1
≥ 7000	17.5	24.7	28.9	43.1	48.0	48.5	51.4	54.2	55.2	57.2	57.5	57.7	58.1	58.4	58.5	59.1
≥ 6000	17.5	24.9	29.2	43.4	48.3	48.8	51.7	54.7	55.8	57.9	58.2	58.3	58.7	59.1	59.2	59.7
≥ 5000	18.1	26.0	30.8	45.6	50.8	51.0	53.9	56.9	58.2	60.3	60.7	60.8	61.2	61.5	61.6	62.2
≥ 4500	17.1	27.0	32.2	47.4	52.9	53.4	56.4	59.5	60.8	62.9	63.3	63.4	63.8	64.1	64.2	64.8
≥ 4000	22.7	32.1	37.6	54.4	61.7	61.3	64.4	67.7	69.3	71.4	71.8	71.9	72.3	72.6	72.7	73.3
≥ 3500	23.8	33.7	39.4	56.8	63.9	64.7	67.8	71.0	72.6	75.0	75.3	75.4	75.9	76.2	76.3	76.8
≥ 3000	25.8	35.8	41.8	59.5	67.1	67.9	71.4	74.9	76.5	79.0	79.3	79.4	79.8	80.2	80.3	80.8
≥ 2500	25.9	36.0	42.0	59.8	67.7	68.4	72.1	75.5	77.2	79.6	80.0	80.1	80.5	80.9	81.0	81.6
≥ 2000	26.7	37.1	43.3	61.1	69.3	70.0	73.8	77.5	79.1	81.6	81.9	82.0	82.4	82.9	83.0	83.5
≥ 1800	26.7	37.1	43.3	61.1	69.5	70.3	74.0	77.7	79.3	81.8	82.1	82.2	82.7	83.1	83.2	83.7
≥ 1500	27.4	38.0	44.5	62.8	71.4	72.2	76.0	79.7	81.4	84.1	84.4	84.5	85.0	85.5	85.6	86.1
≥ 1200	27.6	38.3	44.7	64.1	73.9	74.8	78.7	82.8	84.4	87.1	87.4	87.5	88.0	88.5	88.6	89.1
≥ 1000	27.6	38.6	45.2	64.7	74.6	75.5	79.5	83.7	85.3	88.1	88.4	88.5	89.0	89.5	89.6	90.1
≥ 900	27.6	38.7	45.2	64.8	74.9	76.0	80.5	84.7	86.3	89.0	89.3	89.4	90.0	90.4	90.5	91.1
≥ 800	27.6	38.7	45.2	65.1	75.5	76.8	81.7	86.3	87.9	90.6	90.9	91.1	91.6	92.0	92.1	92.7
≥ 700	27.6	38.7	45.3	65.4	76.3	77.7	82.7	87.4	89.1	91.8	92.1	92.2	92.8	93.2	93.3	93.9
≥ 600	27.6	38.7	45.3	65.4	76.5	77.9	82.9	87.7	89.4	92.2	92.6	92.7	93.2	93.6	93.8	94.3
≥ 500	27.6	38.7	45.3	65.5	76.9	78.4	83.6	89.2	91.4	94.2	94.5	94.6	95.2	95.6	95.7	96.2
≥ 400	27.6	38.7	45.3	65.5	76.9	78.6	83.7	89.7	92.0	95.4	95.7	95.8	96.3	96.8	96.9	97.4
≥ 300	27.6	38.7	45.3	65.5	76.9	78.6	83.7	90.0	92.5	95.9	96.3	96.7	97.2	97.8	98.0	98.5
≥ 200	27.6	38.7	45.3	65.5	76.9	78.6	83.7	90.0	92.5	96.0	96.4	97.0	97.6	98.5	98.7	99.4
≥ 100	27.6	38.7	45.3	65.5	76.9	78.6	83.7	90.0	92.5	96.0	96.4	97.0	97.6	98.5	98.9	100.0
≥ 0	27.6	38.7	45.3	65.5	76.9	78.6	83.7	90.0	92.5	96.0	96.4	97.0	97.6	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 228

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: 175951 WOODBRIDGE RAF UK

74-83

ALC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

222-1125

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	19.1	24.1	25.9	33.4	35.5	35.7	36.2	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 20000	23.3	28.9	31.7	40.0	42.7	42.9	44.7	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 18000	23.5	29.1	31.2	40.3	43.0	43.2	44.3	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 16000	23.5	29.1	31.2	40.3	43.0	43.2	44.3	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 14000	23.5	29.1	31.2	40.3	43.0	43.2	44.3	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 12000	23.7	29.2	31.3	40.5	43.2	43.4	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 10000	25.4	31.4	33.7	43.5	46.3	46.6	47.6	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 9000	26.2	32.4	34.8	44.8	47.6	47.8	48.9	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 8000	27.6	34.6	37.2	49.1	52.3	52.5	53.5	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 7000	28.2	35.3	37.8	52.1	53.2	53.4	54.5	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 6000	28.8	35.9	38.5	51.2	54.1	54.3	55.4	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 5000	29.5	36.8	39.6	53.1	56.3	56.6	57.7	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 4500	30.6	38.1	41.2	54.8	58.1	58.3	59.6	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 4000	34.3	42.0	45.6	62.1	63.9	64.1	65.4	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 3500	37.1	45.8	49.4	64.5	68.3	68.5	69.8	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 3000	43.1	52.4	56.7	73.2	77.3	77.5	78.8	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 2500	44.4	54.1	57.8	75.3	79.4	79.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2000	46.3	56.5	60.4	78.9	83.2	83.4	84.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	46.7	56.9	61.1	80.3	84.6	84.9	86.5	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1500	47.0	57.7	62.4	82.2	86.9	87.2	88.9	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1200	47.2	58.2	63.1	84.0	89.8	90.1	92.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1000	47.2	58.2	63.3	84.7	91.3	91.7	94.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	47.3	58.3	63.7	85.5	92.4	92.8	95.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	47.3	58.4	63.9	86.1	93.3	93.8	96.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	47.3	58.4	63.9	86.1	93.0	94.3	97.1	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	47.3	58.4	64.7	86.2	94.0	94.4	97.2	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	47.3	58.4	64.0	86.3	94.2	94.6	97.4	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	47.3	58.4	64.0	86.3	94.2	94.7	97.5	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	47.3	58.4	64.7	86.3	94.2	94.7	97.5	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	47.3	58.4	64.7	86.3	94.2	94.7	97.5	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	47.3	58.4	64.7	86.3	94.2	94.7	97.5	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	47.3	58.4	64.0	86.3	94.2	94.7	97.5	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 10-14-5 (DL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35951 WOODBRIDGE PAF VM

74-83

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1272-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	22	21	21	21	20	20	20	20	20	20
21000	61.9	60.9	60.8	60.6	60.4	60.3	60.2	60.1	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
21800	19.6	25.1	27.2	34.2	35.1	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
21600	23.3	29.9	32.8	40.8	42.5	43.0	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
21400	23.3	30.1	33.0	41.0	42.7	43.2	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
21200	23.3	30.1	33.0	41.0	42.7	43.2	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
21000	23.5	30.3	33.2	41.2	42.9	43.4	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
20800	23.5	30.3	33.2	41.2	42.9	43.4	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
20600	24.7	31.8	34.7	43.0	44.8	45.4	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
20400	25.3	32.6	35.7	44.3	46.1	46.7	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
20200	27.1	35.2	38.4	49.1	51.7	51.5	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
20000	27.2	35.4	38.6	49.6	51.6	52.2	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
19800	27.6	35.9	39.1	50.1	52.2	52.7	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
19600	29.8	38.4	41.9	53.3	55.4	55.9	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
19400	30.8	39.8	43.4	55.6	57.8	58.5	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
19200	36.2	47.3	51.8	65.1	67.5	68.2	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
19000	42.4	54.0	59.7	73.0	75.7	76.3	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
18800	49.1	61.8	66.8	82.4	85.3	85.9	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
18600	50.5	64.1	69.1	85.5	88.5	89.1	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
18400	51.1	65.1	70.5	87.6	91.1	91.9	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
18200	51.2	65.2	70.6	87.8	91.5	92.4	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
18000	51.4	65.4	71.7	88.7	92.5	93.3	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
17800	51.4	65.5	71.1	89.8	94.3	95.2	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
17600	51.6	65.8	71.4	90.5	95.6	96.5	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
17400	51.6	65.8	71.4	90.5	95.9	96.8	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
17200	51.6	65.8	71.4	91.2	96.3	97.2	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
17000	51.6	65.8	71.4	91.1	96.5	97.3	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
16800	51.6	65.9	71.5	91.2	96.7	97.5	98.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
16600	51.6	65.9	71.5	91.2	96.7	97.5	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
16400	51.6	65.9	71.5	91.2	96.7	97.5	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
16200	51.6	65.9	71.5	91.2	96.7	97.5	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
16000	51.6	65.9	71.5	91.2	96.7	97.5	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
15800	51.6	65.9	71.5	91.2	96.7	97.5	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
15600	51.6	65.9	71.5	91.2	96.7	97.5	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
15400	51.6	65.9	71.5	91.2	96.7	97.5	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
15200	51.6	65.9	71.5	91.2	96.7	97.5	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
15000	51.6	65.9	71.5	91.2	96.7	97.5	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 932

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74951 JOOBRIDGE RAF UK

74-83

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	19.2	25.7	28.9	35.3	37.1	37.3	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥20000	23.9	31.4	34.8	42.9	45.9	46.2	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥18000	24.3	31.8	35.3	43.3	46.3	46.7	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥16000	24.3	31.8	35.3	43.3	46.3	46.7	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥14000	24.4	31.9	35.4	43.4	46.5	46.8	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥12000	24.7	32.3	35.9	44.4	47.2	47.5	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥10000	26.5	34.6	38.6	47.6	51.0	51.3	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥9000	27.2	35.5	39.7	49.0	52.4	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥8000	29.7	38.7	43.4	53.7	57.2	57.5	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥7000	29.9	38.9	43.7	54.0	57.6	58.0	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥6000	30.4	39.5	44.2	54.5	58.2	58.5	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥5000	33.0	42.7	47.7	58.9	62.6	62.9	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥4500	35.3	45.4	50.5	62.3	66.1	66.5	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥4000	41.0	52.3	57.8	71.0	75.4	75.7	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥3500	44.2	57.7	63.9	77.8	82.4	82.7	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥3000	48.8	63.4	69.9	84.6	89.1	89.6	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥2500	49.1	63.9	70.3	85.2	89.8	90.2	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥2000	49.8	64.7	71.4	87.5	92.7	93.2	93.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥1800	49.8	64.9	71.6	88.1	93.3	93.9	94.5	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥1500	49.9	65.2	71.8	88.6	94.6	95.2	95.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥1200	49.9	65.5	72.2	89.2	95.6	96.1	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥1000	49.9	65.5	72.2	89.5	96.1	96.8	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥900	49.9	65.5	72.2	89.5	96.1	96.8	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥800	49.9	65.5	72.2	89.5	96.1	96.8	97.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥700	49.9	65.5	72.2	89.9	96.6	97.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥600	49.9	65.5	72.2	89.9	96.6	97.2	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥500	49.9	65.5	72.3	90.0	96.7	97.3	98.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	49.9	65.5	72.3	90.0	96.7	97.3	98.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	49.9	65.5	72.3	90.0	96.7	97.3	98.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	49.9	65.5	72.3	90.0	96.7	97.3	98.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	49.9	65.5	72.3	90.0	96.7	97.3	98.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥50	49.9	65.5	72.3	90.0	96.7	97.3	98.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

335951 WOODBRIDGE RAF UK

74-83

10-10

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18-2-2000

CEILING FEET	VISIBILITY: STATUTE MILES															
	OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	22.5	29.1	33.8	40.6	43.3	43.7	44.4	44.5	44.5	44.5	44.7	44.7	44.7	44.7	44.7	44.7
≥ 20000	26.9	34.9	40.5	48.9	52.9	53.2	54.0	54.3	54.3	54.4	54.6	54.6	54.6	54.6	54.6	54.6
≥ 18000	27.1	35.2	40.8	49.1	53.1	53.4	54.2	54.5	54.5	54.6	54.8	54.8	54.8	54.8	54.8	54.8
≥ 16000	27.1	35.2	40.8	49.1	53.1	53.4	54.2	54.5	54.5	54.6	54.8	54.8	54.8	54.8	54.8	54.8
≥ 14000	27.1	35.3	40.9	49.2	53.2	53.5	54.3	54.6	54.6	54.7	54.9	54.9	54.9	54.9	54.9	54.9
≥ 12000	27.4	35.9	41.5	49.9	53.9	54.2	54.9	55.3	55.3	55.4	55.6	55.6	55.6	55.6	55.6	55.6
≥ 10000	30.0	36.7	44.6	53.7	58.0	58.3	59.7	59.4	59.4	59.5	59.7	59.7	59.7	59.7	59.7	59.7
≥ 9000	31.4	39.6	45.8	54.8	59.8	60.1	60.9	61.2	61.2	61.3	61.5	61.5	61.5	61.5	61.5	61.5
≥ 8000	33.8	44.5	51.4	61.4	67.1	67.6	68.7	69.1	69.1	69.2	69.5	69.5	69.5	69.5	69.5	69.5
≥ 7000	34.7	44.7	51.6	61.7	67.4	68.0	69.0	69.6	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9
≥ 6000	34.0	44.7	51.6	61.7	67.4	68.0	69.0	69.6	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9
≥ 5000	35.1	46.1	53.2	63.5	69.5	70.0	71.1	71.7	71.7	71.8	72.0	72.0	72.0	72.0	72.0	72.0
≥ 4500	37.7	49.1	56.3	67.2	73.3	73.9	75.1	75.7	75.7	75.8	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4000	40.9	53.9	61.5	73.5	80.3	80.9	82.3	82.9	82.9	83.0	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	43.7	56.3	64.1	76.2	83.5	84.1	85.5	86.3	86.3	86.5	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	45.3	59.3	66.9	79.2	86.8	87.3	88.8	89.7	89.7	89.9	90.1	90.1	90.2	90.2	90.2	90.2
≥ 2500	45.5	59.4	67.2	79.9	87.4	88.0	89.5	90.4	90.4	90.6	90.9	90.9	91.0	91.0	91.0	91.0
≥ 2000	46.5	60.5	68.7	82.5	90.1	90.6	92.5	93.4	93.4	93.7	93.9	93.9	94.0	94.0	94.0	94.0
≥ 1800	46.6	60.8	68.9	82.9	90.5	91.1	92.9	93.9	93.9	94.1	94.3	94.3	94.4	94.4	94.4	94.4
≥ 1500	46.7	60.9	69.1	83.7	91.5	92.2	93.9	94.8	94.8	95.1	95.3	95.3	95.4	95.4	95.4	95.4
≥ 1200	46.7	61.2	69.6	84.5	92.8	93.3	95.4	96.6	96.6	96.8	97.0	97.0	97.1	97.1	97.1	97.1
≥ 1000	46.7	61.2	69.6	84.7	93.2	93.8	95.8	97.0	97.0	97.3	97.5	97.5	97.6	97.6	97.6	97.6
≥ 900	46.7	61.2	69.6	84.8	93.3	93.9	95.9	97.1	97.1	97.4	97.6	97.6	97.7	97.7	97.7	97.7
≥ 800	46.7	61.2	69.6	84.8	93.5	94.3	96.6	97.7	97.8	98.2	98.4	98.4	98.5	98.5	98.5	98.5
≥ 700	46.7	61.2	69.6	85.3	94.1	94.8	97.1	98.5	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2
≥ 600	46.7	61.2	69.6	85.3	94.1	94.8	97.1	98.5	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2
≥ 500	46.7	61.2	69.6	85.5	94.3	95.1	97.4	98.8	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6
≥ 400	46.7	61.2	69.6	85.5	94.3	95.1	97.4	98.8	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	46.7	61.2	69.6	85.5	94.3	95.1	97.5	98.9	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	46.7	61.2	69.6	85.5	94.3	95.1	97.5	98.9	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	46.7	61.2	69.6	85.5	94.3	95.1	97.5	98.9	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	46.7	61.2	69.6	85.5	94.3	95.1	97.5	98.9	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 075951 WOODBRIDGE RAF UK

74-87

ALC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1100-2300

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0.2
NO CEILING	GE97	GE97	GE87	GE60	GE48	GE47	GE32	GE24	GE27	GE16	GE17	GE10	GE18	GE05	GE04	GE0
≥20000	26.7	32.5	38.2	45.6	49.9	51.8	53.7	54.7	55.1	55.7	55.7	55.7	55.7	55.8	55.8	55.8
≥18000	28.1	34.3	40.8	48.8	53.7	54.5	57.7	58.9	59.2	59.9	59.9	59.9	59.9	60.0	60.0	60.0
≥16000	28.1	34.3	40.8	48.8	53.7	54.5	57.7	58.9	59.2	59.9	59.9	59.9	59.9	60.0	60.0	60.0
≥14000	28.1	34.3	40.8	48.8	53.7	54.5	57.7	58.9	59.2	59.9	59.9	59.9	59.9	60.0	60.0	60.0
≥12000	28.4	34.6	41.2	49.2	54.1	54.9	58.2	59.4	59.7	60.3	60.3	60.3	60.3	60.4	60.4	60.4
≥10000	30.6	37.8	44.7	53.3	58.3	59.1	62.4	63.5	63.9	64.5	64.5	64.5	64.5	64.6	64.6	64.6
≥9000	31.5	38.7	45.6	54.2	59.1	60.0	63.2	64.4	64.7	65.4	65.4	65.4	65.4	65.5	65.5	65.5
≥8000	34.5	42.8	50.1	60.3	65.8	66.7	70.2	71.5	71.8	72.5	72.7	72.7	72.7	72.8	72.8	72.8
≥7000	34.8	43.1	50.4	60.6	66.1	67.0	70.6	72.0	72.7	73.3	73.5	73.5	73.5	73.7	73.7	73.7
≥6000	34.8	43.1	50.4	60.6	66.1	67.0	70.6	72.0	72.7	73.3	73.5	73.5	73.5	73.7	73.7	73.7
≥5000	35.9	44.3	51.6	62.0	67.6	68.5	72.2	73.7	74.3	74.9	75.2	75.2	75.2	75.3	75.3	75.3
≥4500	38.1	46.6	54.0	64.5	70.3	71.2	74.8	76.5	77.1	77.7	78.0	78.0	78.0	78.1	78.1	78.1
≥4000	47.8	49.8	57.5	69.1	75.4	76.2	80.3	81.9	82.6	83.2	83.4	83.4	83.4	83.5	83.5	83.5
≥3500	42.2	51.3	59.2	71.2	77.8	78.7	83.7	84.7	85.4	86.0	86.2	86.2	86.2	86.3	86.3	86.3
≥3000	43.8	53.4	61.7	73.7	81.6	81.5	85.9	87.6	88.3	88.9	89.1	89.1	89.1	89.2	89.2	89.2
≥2500	43.9	53.7	62.0	74.2	81.3	82.2	86.7	88.4	89.7	89.7	89.9	89.9	89.9	90.0	90.0	90.0
≥2000	44.7	54.6	63.2	76.2	83.4	84.3	89.0	90.8	91.4	92.0	92.3	92.3	92.3	92.4	92.4	92.4
≥1800	44.7	54.7	63.3	76.3	83.7	84.5	89.2	91.0	91.6	92.3	92.5	92.5	92.5	92.6	92.6	92.6
≥1600	45.1	55.2	64.7	77.2	84.8	85.7	90.4	92.2	92.8	93.4	93.7	93.7	93.7	93.8	93.8	93.8
≥1400	45.2	55.4	65.1	78.8	86.6	87.5	92.4	94.4	95.1	95.7	95.9	95.9	95.9	96.0	96.0	96.0
≥1200	45.2	55.6	65.3	79.1	87.1	88.1	93.2	95.3	95.9	96.6	96.8	96.8	96.8	96.9	96.9	96.9
≥1000	45.2	55.7	65.4	79.4	87.3	88.3	93.5	95.6	96.2	96.9	97.1	97.1	97.1	97.2	97.2	97.2
≥900	45.2	55.7	65.4	79.4	87.3	88.3	93.8	95.8	96.5	97.1	97.3	97.3	97.3	97.4	97.4	97.4
≥800	45.2	55.7	65.4	79.4	87.3	88.3	93.8	95.8	96.5	97.1	97.3	97.3	97.3	97.4	97.4	97.4
≥700	45.2	55.7	65.4	79.4	87.3	88.3	93.8	95.8	96.5	97.1	97.3	97.3	97.3	97.4	97.4	97.4
≥600	45.2	55.9	65.6	80.3	88.5	89.5	95.4	97.4	98.1	98.8	99.0	99.0	99.0	99.1	99.1	99.1
≥500	45.2	55.9	65.6	80.3	88.5	89.5	95.4	97.4	98.1	98.8	99.0	99.0	99.0	99.1	99.1	99.1
≥400	45.2	55.9	65.6	80.3	88.5	89.5	95.4	97.4	98.1	98.8	99.0	99.0	99.0	99.1	99.1	99.1
≥300	45.2	55.9	65.6	80.3	88.5	89.5	95.4	97.4	98.1	98.8	99.0	99.0	99.0	99.1	99.1	99.1
≥200	45.2	55.9	65.6	80.3	88.5	89.5	95.4	97.4	98.1	98.8	99.0	99.0	99.0	99.1	99.1	99.1
≥100	45.2	55.9	65.6	80.3	88.5	89.5	95.4	97.4	98.1	98.8	99.0	99.0	99.0	99.1	99.1	99.1
≥0	45.2	55.9	65.6	80.3	88.5	89.5	95.4	97.4	98.1	98.8	99.0	99.0	99.0	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 932

USAF ETAC FORM 10-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15951 000BRIDGE RAF UK

74-83

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	210	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CEILING	GT9.1	EC9.1	GE8.1	GE6.0	GE4.8	GE4.0	GE3.2	GE2.4	GE2.0	GE1.6	GE1.2	GE1.0	GE0.8	GE0.5	GE0.4	GE0
20000	19.5	25.5	29.7	36.6	39.7	40.1	41.8	42.6	42.9	43.3	43.4	43.5	43.6	43.8	43.8	43.9
18000	22.6	29.6	33.5	42.4	46.3	46.8	48.6	49.6	50.0	50.3	50.5	50.6	50.7	50.9	50.9	51.0
16000	22.6	29.6	33.5	42.4	46.3	46.8	48.6	49.6	50.0	50.3	50.5	50.7	50.9	51.1	51.1	51.2
14000	22.7	29.7	33.5	42.5	46.3	46.8	48.7	49.7	50.0	50.6	50.8	50.8	50.9	51.2	51.2	51.3
12000	22.9	29.9	33.8	42.8	46.7	47.2	49.1	50.0	50.4	51.0	51.2	51.2	51.3	51.5	51.6	51.7
10000	24.6	32.0	36.1	45.7	49.7	50.2	52.2	53.2	53.5	54.2	54.3	54.4	54.5	54.7	54.8	54.9
9000	25.1	32.7	37.1	46.7	50.8	51.3	53.3	54.4	54.7	55.4	55.5	55.6	55.7	55.9	56.0	56.1
8000	27.5	35.9	40.6	51.7	56.2	56.8	58.9	60.2	60.6	61.3	61.5	61.5	61.6	61.9	61.9	62.0
7000	27.7	36.3	41.0	52.2	56.8	57.4	59.6	60.9	61.4	62.1	62.3	62.3	62.5	62.7	62.7	62.8
6000	27.9	36.6	41.3	52.6	57.2	57.7	60.0	61.3	61.8	62.5	62.7	62.7	62.9	63.1	63.1	63.2
5000	29.1	38.1	43.1	54.7	59.4	60.0	62.2	63.6	64.2	64.9	65.1	65.1	65.3	65.5	65.5	65.6
4500	30.7	39.9	45.1	57.1	62.1	62.7	65.1	66.4	67.1	67.7	67.9	67.9	68.1	68.3	68.3	68.4
4000	34.1	44.7	50.4	63.6	69.1	69.7	72.1	73.6	74.2	74.9	75.1	75.2	75.3	75.5	75.5	75.6
3500	36.7	47.8	53.8	67.5	73.3	74.0	76.5	78.1	78.7	79.4	79.6	79.7	79.8	80.0	80.1	80.1
3000	40.1	51.8	58.1	72.6	78.7	79.4	82.0	83.7	84.3	85.1	85.3	85.4	85.5	85.7	85.8	85.8
2500	41.6	52.5	58.9	73.5	79.7	80.4	83.1	84.8	85.5	86.2	86.4	86.5	86.6	86.9	86.9	87.0
2000	41.6	53.8	60.5	75.9	82.4	83.1	86.7	87.8	88.5	89.2	89.5	89.5	89.7	89.9	89.9	90.0
1800	41.8	54.0	60.7	76.3	82.9	83.6	86.6	88.4	89.1	89.8	90.1	90.1	90.3	90.5	90.5	90.6
1500	42.1	54.5	61.3	77.4	84.2	85.0	88.0	89.8	90.5	91.3	91.5	91.6	91.7	91.9	92.0	92.1
1200	42.2	54.8	61.8	78.5	85.9	86.7	90.0	92.0	92.6	93.4	93.6	93.7	93.9	94.1	94.1	94.2
1000	42.3	54.9	62.1	78.9	86.7	87.5	90.9	92.9	93.6	94.5	94.7	94.7	94.9	95.1	95.2	95.3
900	42.3	55.0	62.1	79.1	87.0	87.9	91.4	93.4	94.1	94.9	95.1	95.2	95.4	95.6	95.6	95.7
800	42.3	55.0	62.1	79.4	87.4	88.3	92.0	94.2	94.9	95.8	96.0	96.1	96.2	96.4	96.5	96.6
700	42.3	55.1	62.2	79.6	87.8	88.7	92.5	94.8	95.6	96.5	96.7	96.8	96.9	97.1	97.2	97.3
600	42.3	55.1	62.3	79.7	88.0	88.9	92.8	95.2	95.9	96.9	97.1	97.1	97.3	97.5	97.6	97.7
500	42.3	55.1	62.3	79.9	88.3	89.2	93.3	95.8	96.7	97.6	97.9	97.9	98.1	98.3	98.4	98.5
400	42.3	55.1	62.3	79.9	88.3	89.3	93.4	96.0	97.0	98.0	98.3	98.3	98.5	98.7	98.8	98.9
300	42.3	55.1	62.3	79.9	88.3	89.3	93.5	96.3	97.2	98.3	98.6	98.7	98.8	99.1	99.2	99.3
200	42.3	55.1	62.3	79.9	88.3	89.3	93.5	96.3	97.3	98.5	98.7	98.9	99.0	99.4	99.5	99.7
100	42.3	55.1	62.3	79.9	88.3	89.3	93.5	96.3	97.3	98.5	98.7	98.9	99.0	99.4	99.6	100.0
0	42.3	55.1	62.3	79.9	88.3	89.3	93.5	96.3	97.3	98.5	98.7	98.9	99.0	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7425

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75951 WOODBRIDGE RAF UK

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	OR (HUNDREDS OF METERS)															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
20000	22.4	29.7	36.5	44.7	47.3	48.6	52.5	53.6	54.2	55.8	55.8	56.0	56.7	56.1	56.2	56.2
18000	24.5	32.8	40.7	48.9	51.7	53.4	57.5	59.2	59.7	61.4	61.4	61.5	61.6	61.7	61.8	61.8
16000	24.5	32.8	40.7	48.9	51.7	53.4	57.5	59.2	59.7	61.4	61.4	61.5	61.6	61.7	61.8	61.8
14000	24.5	32.8	40.7	48.9	51.7	53.4	57.5	59.2	59.7	61.4	61.4	61.5	61.6	61.7	61.8	61.8
12000	24.5	32.8	40.7	48.9	51.7	53.4	57.5	59.2	59.7	61.4	61.4	61.5	61.6	61.7	61.8	61.8
10000	25.3	34.1	41.4	50.8	53.6	55.3	59.7	61.4	62.7	63.6	63.6	63.7	63.8	64.7	64.1	64.1
9000	26.7	35.3	42.6	52.1	54.8	56.5	61.0	62.6	63.2	64.8	64.8	65.0	65.1	65.2	65.3	65.3
8000	28.5	38.9	46.5	57.1	67.2	61.8	66.4	68.1	68.7	70.5	70.5	70.7	71.0	71.1	71.2	71.2
7000	28.9	39.7	47.3	58.4	61.5	63.2	67.7	69.5	70.2	72.0	72.0	72.2	72.4	72.5	72.6	72.6
6000	29.5	40.3	47.8	59.0	62.1	63.7	68.4	70.2	70.9	72.7	72.7	73.1	73.3	73.4	73.5	73.5
5000	32.0	42.9	50.6	61.8	65.3	67.0	71.6	73.5	74.2	76.1	76.1	76.5	76.8	76.9	77.7	77.7
4500	33.4	44.4	52.2	63.7	67.2	68.9	73.5	75.4	76.2	78.1	78.2	78.6	78.9	79.7	79.1	79.1
4000	35.3	47.7	56.7	68.0	71.7	73.4	78.4	80.4	81.2	83.4	83.5	84.0	84.2	84.3	84.4	84.4
3500	36.3	49.3	57.6	71.1	73.9	75.5	82.5	82.6	83.4	85.7	85.8	86.2	86.4	86.5	86.7	86.7
3000	36.8	50.4	59.0	71.9	75.6	77.3	82.6	84.8	85.5	87.8	87.9	88.3	88.5	88.7	88.8	88.8
2500	37.6	51.3	59.8	73.0	77.1	78.8	84.2	86.3	87.1	89.3	89.4	89.9	90.1	90.2	90.3	90.3
2000	38.0	52.1	61.3	75.1	79.8	81.4	86.9	89.0	89.8	92.0	92.1	92.5	92.8	92.9	93.7	93.7
1800	38.7	52.1	61.4	75.2	80.1	81.8	87.2	89.4	90.2	92.4	92.4	92.5	93.0	93.2	93.3	93.4
1500	38.2	52.2	61.5	76.0	81.1	82.8	88.2	90.4	91.4	93.7	93.8	94.2	94.4	94.5	94.7	94.7
1200	38.3	52.3	61.6	77.0	82.4	84.1	89.5	92.1	93.1	95.3	95.4	95.9	96.1	96.2	96.3	96.3
1000	38.5	52.6	62.1	77.5	83.5	85.2	90.7	93.4	94.4	96.7	96.8	97.2	97.4	97.6	97.7	97.7
900	38.5	52.6	62.1	77.8	84.0	85.7	91.1	93.9	94.9	97.1	97.2	97.7	97.9	98.7	98.1	98.1
800	38.5	52.6	62.1	77.9	84.1	85.8	91.2	94.0	95.0	97.2	97.3	97.8	98.0	98.1	98.2	98.2
700	38.5	52.6	62.1	78.1	84.3	86.0	91.4	94.2	95.2	97.4	97.6	98.1	98.3	98.4	98.6	98.6
600	38.5	52.6	62.1	78.1	84.4	86.1	91.5	94.4	95.8	98.1	98.2	98.8	99.7	99.1	99.2	99.2
500	38.5	52.6	62.1	78.3	84.6	86.3	91.8	94.7	96.0	98.3	98.4	99.0	99.2	99.3	99.4	99.4
400	38.5	52.6	62.1	78.3	84.6	86.3	91.9	94.9	96.2	98.6	98.7	99.2	99.4	99.6	99.7	99.7
300	38.5	52.6	62.1	78.3	84.6	86.3	91.9	94.9	96.2	98.7	98.8	99.4	99.7	99.8	99.9	99.9
200	38.5	52.6	62.1	78.3	84.6	86.3	91.9	94.9	96.2	98.7	98.8	99.4	99.7	99.8	99.9	99.9
100	38.5	52.6	62.1	78.3	84.6	86.3	91.9	94.9	96.2	98.7	98.8	99.4	99.7	99.8	100.0	100.0
0	38.5	52.6	62.1	78.3	84.6	86.3	91.9	94.9	96.2	98.7	98.8	99.4	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 892

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NO. 075951 STATION NAME WOODBRIDGE RAF UK

YEAR 71-82

MONTH SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-0500

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	19.4	25.0	29.5	38.0	43.7	42.2	44.8	46.4	47.3	49.1	50.2	50.8	50.8	50.9	50.9	51.1
≥ 20000	20.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 18000	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 16000	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 14000	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 12000	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 10000	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 9000	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 8000	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 7000	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 6000	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 5000	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 4500	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 4000	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 3500	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 3000	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 2500	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 2000	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 1800	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 1600	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 1400	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 1200	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 1000	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 900	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 800	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 700	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 600	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 500	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 400	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 300	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 200	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 100	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4
≥ 0	27.5	26.6	31.6	40.8	44.3	45.9	48.8	50.4	51.3	53.2	54.3	55.1	55.1	55.2	55.2	55.4

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

36951 WOODBRIDGE RAF UK

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

622-6800

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	27	21	21	21	21	21	21	21	21	21
	GT9	EQ9	GE8	GE6	GE4	GE3	GE2	GE1	GE1	GE1	GE1	GE1	GE1	GE1	GE1	GE1
NO CEILING	14.8	21.2	24.3	31.6	35.3	36.3	38.2	40.5	41.8	43.2	43.5	43.7	43.9	44.1	44.2	44.7
≥ 2000	16.7	24.1	28.1	36.4	40.8	41.8	44.0	46.5	48.1	49.8	50.1	50.2	50.4	50.7	50.8	51.4
≥ 1800	16.7	24.2	28.2	36.5	40.9	41.9	44.1	46.7	48.1	49.9	50.2	50.3	50.6	50.8	50.9	51.6
≥ 1600	16.7	24.2	28.2	36.5	40.9	41.9	44.1	46.7	48.1	49.9	50.2	50.3	50.6	50.8	50.9	51.6
≥ 1400	16.7	24.2	28.4	36.7	41.1	42.1	44.3	47.1	48.6	50.3	50.7	50.8	51.0	51.2	51.3	52.0
≥ 1200	16.7	24.2	28.5	37.0	41.3	42.3	44.5	47.3	48.8	50.6	50.9	51.0	51.2	51.4	51.6	52.2
≥ 1000	17.4	25.1	29.7	38.4	42.8	43.8	46.7	49.0	50.8	53.0	53.3	53.5	53.7	53.9	54.7	54.7
≥ 900	17.9	26.1	30.7	39.4	43.8	44.8	47.1	50.2	52.1	54.3	54.7	54.8	55.2	55.3	56.7	56.7
≥ 800	19.8	28.7	33.7	44.4	49.4	50.7	53.6	57.0	59.0	61.2	61.6	61.7	61.9	62.1	62.2	62.9
≥ 700	20.3	29.2	34.3	45.1	50.3	51.6	54.9	58.6	60.6	62.8	63.1	63.3	63.5	63.7	63.8	64.5
≥ 600	20.6	29.5	34.9	45.7	50.9	52.1	55.6	59.2	61.2	63.5	63.8	63.9	64.3	64.5	64.6	65.3
≥ 500	21.7	30.8	36.3	48.0	53.7	55.0	58.5	62.1	64.1	66.6	66.9	67.2	67.4	67.6	67.7	68.4
≥ 4500	22.0	31.5	37.0	49.2	55.5	56.8	60.2	64.0	66.4	68.8	69.2	69.3	69.6	69.8	69.9	70.6
≥ 4000	23.6	33.7	39.5	53.9	60.5	62.0	65.6	69.9	72.3	74.8	75.2	75.4	75.7	75.9	76.1	76.7
≥ 3500	25.5	36.0	41.9	57.0	64.0	65.6	69.3	73.7	76.7	78.7	79.2	79.4	79.7	80.0	80.1	80.7
≥ 3000	27.1	38.1	44.4	61.1	67.1	68.7	72.5	76.9	79.5	82.1	82.5	82.7	83.1	83.3	83.4	84.1
≥ 2500	27.2	38.4	44.8	60.6	67.7	69.3	73.1	77.5	80.1	82.6	83.1	83.3	83.6	83.9	84.7	84.6
≥ 2000	28.3	39.9	46.8	63.8	71.5	73.2	77.1	81.5	84.1	86.9	87.3	87.5	87.9	88.1	88.2	88.9
≥ 1800	28.4	40.0	46.9	64.1	71.9	73.7	77.7	82.2	84.7	87.5	88.0	88.2	88.5	88.8	88.9	89.5
≥ 1600	28.7	40.4	47.4	64.9	72.8	74.6	78.7	83.2	85.7	88.5	89.0	89.2	89.5	89.8	89.9	90.5
≥ 1400	28.8	40.8	48.2	66.8	75.2	77.1	81.3	85.7	88.3	91.1	91.5	91.8	92.1	92.3	92.4	93.1
≥ 1200	28.8	40.8	48.3	67.8	76.2	78.2	82.4	87.0	89.8	92.7	93.1	93.3	93.7	93.9	94.7	94.7
≥ 1000	28.8	40.8	48.3	68.2	76.8	78.8	83.2	87.9	90.6	93.5	94.0	94.2	94.5	94.8	94.9	95.5
≥ 900	28.8	40.8	48.3	68.4	77.2	79.4	83.9	88.5	91.4	94.3	94.8	95.1	95.4	95.7	95.8	96.4
≥ 800	28.8	40.8	48.3	68.5	77.3	79.5	84.1	88.9	92.1	95.0	95.4	95.8	96.2	96.4	96.5	97.2
≥ 700	28.8	40.8	48.3	68.5	77.3	79.6	84.3	89.4	92.4	95.5	96.0	96.3	96.9	97.1	97.2	97.9
≥ 600	28.8	40.8	48.3	68.6	77.5	79.8	84.6	89.9	93.1	96.2	96.6	97.1	97.7	98.0	98.1	98.9
≥ 500	28.8	40.8	48.3	68.6	77.6	80.0	84.7	90.0	93.2	96.4	97.0	97.3	97.9	98.4	98.6	99.3
≥ 400	28.8	40.8	48.3	68.6	77.6	80.0	84.7	90.0	93.2	96.4	97.0	97.3	97.9	98.4	98.8	99.6
≥ 300	28.8	40.8	48.3	68.6	77.6	80.0	84.7	90.0	93.2	96.4	97.0	97.3	97.9	98.6	98.9	99.9
≥ 200	28.8	40.8	48.3	68.6	77.6	80.0	84.7	90.0	93.2	96.4	97.0	97.3	97.9	98.6	98.9	99.9
≥ 100	28.8	40.8	48.3	68.6	77.6	80.0	84.7	90.0	93.2	96.4	97.0	97.3	97.9	98.6	98.9	99.9
≥ 0	28.8	40.8	48.3	68.6	77.6	80.0	84.7	90.0	93.2	96.4	97.0	97.3	97.9	98.6	98.9	99.9

TOTAL NUMBER OF OBSERVATIONS 828

USAF ETAC FORM 7-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75951

WOODBRIDGE RAF UK

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

800-1100

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	19.6	25.3	26.8	35.3	38.3	38.3	38.9	39.8	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 20000	23.9	31.8	38.2	44.3	47.9	48.0	48.9	49.9	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 18000	24.0	32.0	34.4	44.6	48.1	48.2	49.1	50.1	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 16000	24.2	32.0	34.4	44.6	48.1	48.2	49.1	50.1	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 14000	24.0	32.0	34.4	44.6	48.1	48.2	49.1	50.1	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 12000	24.2	32.3	34.8	44.9	48.4	48.6	49.4	50.4	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 10000	25.8	34.2	37.2	47.7	51.4	51.6	52.4	53.8	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 9000	26.1	34.7	37.7	48.3	52.2	52.3	53.2	54.6	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 8000	28.9	38.2	41.8	53.9	58.3	58.7	59.8	61.2	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 7000	29.1	38.7	42.4	54.7	59.7	60.0	61.1	62.6	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 6000	29.2	38.9	42.7	54.9	60.0	60.3	61.4	62.9	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 5000	30.7	39.9	43.8	56.2	61.8	61.8	62.9	64.3	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 4500	31.1	41.2	45.1	57.7	63.0	63.3	64.6	66.1	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4000	33.4	44.6	48.6	62.3	68.0	68.6	69.9	71.6	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 3500	37.1	48.8	52.9	67.7	73.6	74.2	75.6	77.2	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 3000	39.9	52.1	56.6	72.2	78.8	79.4	80.8	82.4	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2500	40.4	52.8	57.4	73.9	80.6	81.2	82.7	84.3	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2000	42.4	54.4	59.7	77.2	84.3	85.0	86.6	88.2	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800	42.4	54.9	60.2	78.2	85.3	86.0	87.6	89.3	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500	43.9	56.9	62.4	80.7	87.8	88.6	90.3	92.1	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	44.2	57.2	63.1	82.3	89.7	91.0	93.2	95.1	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	44.2	57.2	63.1	82.8	90.2	91.7	94.7	95.9	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	44.2	57.2	63.1	82.9	90.3	91.8	94.2	96.1	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	44.2	57.3	63.2	83.2	91.0	92.7	95.1	97.0	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	44.2	57.3	63.2	83.6	91.6	93.2	95.9	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	44.2	57.3	63.2	83.8	91.8	93.6	96.2	98.1	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 500	44.2	57.3	63.2	83.8	91.9	93.7	96.3	98.2	98.8	99.3	99.3	99.4	99.4	99.6	99.6	99.6
≥ 400	44.2	57.3	63.2	83.8	91.9	93.7	96.3	98.2	98.9	99.4	99.4	99.6	99.6	99.8	99.9	99.9
≥ 300	44.2	57.3	63.2	83.8	91.9	93.7	96.3	98.2	98.9	99.4	99.4	99.6	99.6	99.8	99.9	99.9
≥ 200	44.2	57.3	63.2	83.8	91.9	93.7	96.3	98.2	98.9	99.4	99.4	99.6	99.6	99.8	99.9	99.9
≥ 100	44.2	57.3	63.2	83.8	91.9	93.7	96.3	98.2	98.9	99.4	99.4	99.6	99.6	99.8	99.9	99.9
≥ 0	44.2	57.3	63.2	83.8	92.0	93.8	96.4	98.3	99.0	99.6	99.6	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 800

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35951 WOODBRIDGE RAF UK

73-87

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	19.6	26.0	28.3	36.1	38.1	38.2	38.9	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 20000	26.7	35.7	38.7	47.7	50.3	50.4	51.1	51.4	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6
≥ 18000	27.1	36.1	39.1	48.1	50.8	50.9	51.6	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0
≥ 16000	27.1	36.1	39.1	48.1	50.8	50.9	51.6	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0
≥ 14000	27.1	36.1	39.1	48.1	50.8	50.9	51.6	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0
≥ 12000	27.6	36.6	39.6	48.6	51.2	51.3	52.0	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4
≥ 10000	28.4	37.4	40.8	50.1	53.2	53.3	54.0	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4
≥ 9000	28.7	37.9	41.2	50.8	54.1	54.2	54.9	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3
≥ 8000	30.0	39.4	42.9	53.2	56.7	56.8	57.4	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9
≥ 7000	30.6	40.0	43.4	54.0	57.4	57.6	58.2	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7
≥ 6000	30.9	40.4	43.9	54.4	57.9	58.0	58.7	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1
≥ 5000	32.6	42.2	45.9	56.6	60.1	60.2	60.9	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3
≥ 4500	34.0	43.8	47.4	58.2	61.9	62.0	62.7	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1
≥ 4000	38.8	50.2	54.7	66.2	69.9	70.0	70.7	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1
≥ 3500	43.0	55.2	60.1	72.2	76.3	76.4	77.1	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6
≥ 3000	48.0	61.0	66.2	79.8	84.2	84.4	85.1	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500	48.7	61.9	67.3	81.6	86.0	86.2	86.9	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000	50.2	64.6	70.4	86.4	91.4	91.8	92.4	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1800	50.9	64.8	70.7	87.0	92.0	92.3	93.0	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	51.1	66.1	72.0	88.4	93.4	93.8	94.4	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200	51.6	66.7	72.6	89.7	95.1	95.4	96.1	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	51.6	66.9	72.9	90.6	96.1	96.4	97.2	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	51.6	66.9	72.9	90.6	96.1	96.4	97.2	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	51.6	66.9	72.9	90.6	96.1	96.4	97.2	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	51.6	66.9	72.9	90.6	96.1	96.4	97.2	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	51.6	66.9	72.9	90.6	96.1	96.4	97.2	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	51.6	66.9	72.9	90.6	96.1	96.4	97.2	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	51.6	66.9	72.9	90.6	96.1	96.4	97.2	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	51.6	66.9	72.9	90.6	96.1	96.4	97.2	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	51.6	66.9	72.9	90.6	96.1	96.4	97.2	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 100	51.6	66.9	72.9	90.6	96.1	96.4	97.2	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 0	51.6	66.9	72.9	90.6	96.1	96.4	97.2	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75951

WOODBRIDGE RAF UK

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15-2-1700

CEILING FEET	VISIBILITY: STATUTE MILES																OR (HUNDREDS OF METERS)			
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	2516	25	26	27
NO CEILING	19.4	24.7	27.9	36.3	39.3	38.7	39.6	39.7	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 20000	24.3	31.4	36.3	46.4	49.3	49.4	50.4	50.7	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 18000	24.3	31.7	36.6	46.4	49.3	49.7	50.9	50.9	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 16000	24.8	31.7	36.6	46.4	49.3	49.7	50.8	50.9	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 14000	24.8	31.7	36.6	46.4	49.3	49.7	50.9	50.9	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 12000	26.0	33.0	38.0	48.6	51.8	51.8	52.9	53.0	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 10000	27.7	35.2	40.6	51.9	54.9	55.2	56.3	56.4	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 9000	28.4	36.3	41.7	53.6	56.7	57.0	58.1	58.2	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 8000	33.1	41.9	47.7	60.4	64.0	64.3	65.6	65.7	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 7000	34.2	43.6	49.4	62.4	66.0	66.3	67.6	67.7	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 6000	34.3	43.8	49.9	62.9	66.4	66.9	68.1	68.2	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 5000	35.9	45.6	52.3	65.0	68.7	69.1	70.3	70.4	70.7	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4500	37.2	47.2	53.9	67.2	71.6	72.0	73.2	73.3	73.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4000	41.6	53.1	60.3	74.1	78.4	78.9	80.1	80.3	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3500	44.3	57.2	65.1	79.6	83.9	84.3	85.9	86.1	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3000	47.7	60.7	68.8	83.3	87.9	88.3	89.9	90.1	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500	48.6	62.3	70.4	85.1	89.8	90.2	91.8	92.0	92.2	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	49.2	63.6	71.9	88.0	92.9	93.3	94.9	95.1	95.3	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	49.2	63.6	71.9	88.2	93.2	93.7	95.2	95.4	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1600	49.7	64.2	72.7	89.2	94.4	94.9	96.4	96.7	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1400	49.7	64.2	72.7	89.7	95.0	95.4	97.0	97.2	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	49.7	64.2	72.7	89.7	95.0	95.4	97.0	97.2	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	49.7	64.2	72.7	89.7	95.0	95.4	97.0	97.2	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	49.8	64.4	72.9	90.2	95.6	96.0	97.7	98.0	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	49.8	64.4	72.9	90.2	95.6	96.0	97.7	98.0	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	49.8	64.4	72.9	90.2	95.6	96.0	97.7	98.0	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	49.8	64.4	72.9	90.2	95.6	96.0	97.7	98.0	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	49.8	64.4	72.9	90.2	95.6	96.0	97.7	98.0	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	49.8	64.4	72.9	90.2	95.6	96.0	97.7	98.0	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	49.8	64.4	72.9	90.2	95.6	96.0	97.7	98.0	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	49.8	64.4	72.9	90.2	95.6	96.0	97.7	98.0	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	49.8	64.4	72.9	90.2	95.6	96.0	97.7	98.0	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	49.8	64.4	72.9	90.2	95.6	96.0	97.7	98.0	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35951

WOODBRIDGE RAF UK

73-87

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13.0-0.00

CEILING FEET	VISIBILITY: STATUTE MILES															
	OR (HUNDREDS OF METERS)															
	≥10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO FCEILING	21.4	27.6	31.5	37.9	41.3	41.9	43.1	43.8	44.2	44.7	45.1	45.0	45.7	45.7	45.7	45.0
≥ 20000	24.4	32.5	37.3	45.1	48.9	49.8	51.1	51.9	52.3	52.8	53.1	53.1	53.1	53.1	53.1	53.1
≥ 18000	24.4	32.5	37.4	45.2	49.0	49.9	51.2	52.0	52.4	52.9	53.2	53.2	53.2	53.2	53.2	53.2
≥ 16000	24.4	32.5	37.4	45.2	49.0	49.9	51.2	52.0	52.4	52.9	53.2	53.2	53.2	53.2	53.2	53.2
≥ 14000	24.4	32.5	37.4	45.2	49.0	49.9	51.2	52.0	52.4	52.9	53.2	53.2	53.2	53.2	53.2	53.2
≥ 12000	24.7	33.0	38.1	46.3	52.2	51.1	52.4	53.2	53.7	54.1	54.5	54.5	54.5	54.5	54.5	54.5
≥ 10000	26.8	35.4	41.0	49.6	53.7	54.6	56.2	57.0	57.5	57.9	58.2	58.2	58.2	58.2	58.2	58.2
≥ 9000	27.6	36.4	42.1	51.7	55.9	56.9	58.6	59.5	59.9	60.4	60.7	60.7	60.7	60.7	60.7	60.7
≥ 8000	33.7	41.4	47.6	58.5	63.6	64.6	66.4	67.3	67.9	68.5	68.8	68.8	68.8	69.0	69.0	69.0
≥ 7000	31.2	42.3	48.9	60.4	65.5	66.5	68.3	69.2	69.8	70.4	70.7	70.7	70.7	70.9	70.9	70.9
≥ 6000	31.4	42.5	49.2	60.9	66.1	67.1	69.0	69.9	70.6	71.3	71.6	71.6	71.6	71.9	71.9	71.9
≥ 5000	34.2	45.7	53.0	65.5	71.0	72.0	73.9	74.8	75.5	76.2	76.5	76.5	76.5	76.7	76.7	76.7
≥ 4500	35.5	47.1	54.8	67.5	73.3	74.5	76.5	77.4	78.1	78.7	79.1	79.1	79.1	79.3	79.3	79.3
≥ 4000	38.3	50.7	59.1	72.9	79.3	80.5	82.5	83.6	84.4	85.1	85.4	85.4	85.4	85.6	85.6	85.6
≥ 3500	40.5	54.3	63.1	77.2	83.6	84.9	86.9	88.0	88.8	89.4	89.8	89.8	89.8	90.0	90.0	90.0
≥ 3000	41.9	56.3	65.6	80.1	86.7	88.0	90.2	91.3	92.2	92.9	93.2	93.2	93.2	93.4	93.4	93.4
≥ 2500	41.9	56.6	65.8	80.5	87.4	88.6	90.9	92.0	92.9	93.5	93.9	93.9	93.9	94.1	94.1	94.1
≥ 2000	42.7	57.7	67.1	82.2	89.1	90.3	92.5	93.8	94.7	95.3	95.7	95.7	95.7	95.9	95.9	95.9
≥ 1800	42.7	57.7	67.1	82.4	89.3	90.5	92.8	94.0	94.9	95.5	95.9	95.9	95.9	96.1	96.1	96.1
≥ 1600	42.7	57.8	67.5	82.7	89.6	90.9	93.1	94.3	95.3	96.0	96.3	96.3	96.3	96.5	96.5	96.5
≥ 1400	42.7	57.9	67.7	83.5	90.5	91.8	94.1	95.3	96.3	97.0	97.3	97.3	97.3	97.6	97.6	97.6
≥ 1200	42.7	57.9	67.7	83.5	90.5	91.8	94.2	95.4	96.4	97.1	97.4	97.4	97.4	97.7	97.7	97.7
≥ 1000	42.7	57.9	67.7	83.5	90.5	91.8	94.2	95.4	96.4	97.1	97.4	97.4	97.4	97.7	97.7	97.7
≥ 900	42.7	57.9	67.7	83.5	90.5	91.8	94.2	95.4	96.4	97.1	97.4	97.4	97.4	97.7	97.7	97.7
≥ 800	42.7	57.9	67.7	83.5	90.5	91.8	94.2	95.4	96.4	97.1	97.4	97.4	97.4	97.7	97.7	97.7
≥ 700	42.7	58.0	67.8	83.9	90.9	92.1	94.5	95.9	96.9	97.7	98.0	98.2	98.3	98.6	98.6	98.6
≥ 600	42.7	58.0	67.8	83.9	90.9	92.1	94.5	95.9	96.9	97.7	98.0	98.2	98.3	98.6	98.6	98.6
≥ 500	42.7	58.0	67.8	83.9	91.1	92.3	94.9	96.4	97.7	98.4	98.8	99.0	99.1	99.3	99.3	99.3
≥ 400	42.7	58.0	67.8	83.9	91.1	92.3	94.9	96.4	97.7	98.4	98.8	99.0	99.1	99.3	99.3	99.3
≥ 300	42.7	58.0	67.8	83.9	91.1	92.3	94.9	96.4	97.7	98.4	98.8	99.0	99.1	99.3	99.3	99.3
≥ 200	42.7	58.0	67.8	83.9	91.1	92.3	94.9	96.4	97.7	98.4	98.8	99.0	99.1	99.3	99.3	99.3
≥ 100	42.7	58.0	67.8	83.9	91.1	92.3	94.9	96.4	97.7	98.4	98.8	99.0	99.1	99.3	99.3	99.3
≥ 0	42.7	58.0	67.8	83.9	91.1	92.3	94.9	96.4	97.7	98.4	98.8	99.0	99.1	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 35051 WOODBRIDGE RAF, UK

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

110-2300

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
≥20000	28.0	35.3	40.2	46.4	49.9	51.5	53.8	54.4	54.6	55.5	55.6	55.7	55.8	55.9	55.9	55.9
≥18000	30.5	38.4	43.4	50.3	54.1	55.8	58.5	59.0	59.3	60.2	60.3	60.4	60.5	60.6	60.6	60.6
≥16000	30.5	38.4	43.4	50.3	54.1	55.8	58.5	59.0	59.3	60.2	60.3	60.4	60.5	60.6	60.6	60.6
≥14000	30.5	38.4	43.4	50.3	54.1	55.8	58.5	59.0	59.3	60.2	60.3	60.4	60.5	60.6	60.6	60.6
≥12000	30.5	38.4	43.4	50.3	54.1	55.8	58.5	59.0	59.3	60.2	60.3	60.4	60.5	60.6	60.6	60.6
≥10000	31.3	39.8	45.0	52.5	56.7	58.5	61.4	61.9	62.2	63.1	63.2	63.3	63.4	63.5	63.5	63.5
≥9000	31.3	39.8	45.0	52.5	56.7	58.5	61.4	61.9	62.2	63.1	63.2	63.3	63.4	63.5	63.5	63.5
≥8000	31.3	39.8	45.0	52.5	56.7	58.5	61.4	61.9	62.2	63.1	63.2	63.3	63.4	63.5	63.5	63.5
≥7000	35.4	45.4	51.1	60.6	65.7	67.6	70.9	71.4	71.7	72.8	72.9	73.1	73.2	73.3	73.3	73.3
≥6000	35.4	45.4	51.1	60.6	65.7	67.6	70.9	71.4	71.7	72.8	72.9	73.1	73.2	73.3	73.3	73.3
≥5000	36.0	46.4	52.1	62.2	67.4	69.4	72.5	73.2	73.4	74.6	74.7	74.9	75.0	75.1	75.1	75.1
≥4500	39.1	50.3	56.5	67.2	72.9	75.2	78.5	79.6	79.9	81.0	81.4	81.6	81.7	81.8	81.8	81.8
≥4000	41.7	53.1	59.7	71.1	77.0	79.4	82.6	83.7	84.0	85.5	85.8	86.0	86.2	86.3	86.3	86.3
≥3500	41.5	54.4	61.2	73.0	79.1	81.6	84.9	86.0	86.4	87.8	88.2	88.4	88.5	88.6	88.6	88.6
≥3000	42.2	55.8	63.3	75.3	81.5	83.9	87.4	88.5	88.8	90.3	90.6	90.8	91.0	91.1	91.1	91.1
≥2500	42.7	56.4	64.0	76.0	82.1	84.6	88.1	89.3	89.6	91.1	91.4	91.6	91.7	91.9	91.9	91.9
≥2000	43.4	57.3	65.1	77.7	84.2	86.7	90.2	91.9	92.2	93.6	94.0	94.2	94.3	94.4	94.4	94.4
≥1800	43.4	57.3	65.1	77.7	84.2	86.7	90.2	91.9	92.2	93.6	94.0	94.2	94.3	94.4	94.4	94.4
≥1500	43.4	57.3	65.1	77.7	84.2	86.7	90.2	91.9	92.2	93.6	94.0	94.2	94.3	94.4	94.4	94.4
≥1200	43.4	57.3	65.1	77.7	84.2	86.7	90.2	91.9	92.2	93.6	94.0	94.2	94.3	94.4	94.4	94.4
≥1000	43.5	57.4	65.5	79.7	86.6	89.6	93.6	95.4	95.9	97.3	97.7	97.9	98.0	98.1	98.1	98.1
≥900	43.6	57.6	65.7	79.9	86.8	89.8	93.9	95.6	96.1	97.5	97.9	98.1	98.2	98.3	98.3	98.3
≥800	43.6	57.6	65.7	79.9	86.8	89.8	93.9	95.6	96.1	97.5	97.9	98.1	98.2	98.3	98.3	98.3
≥700	43.6	57.6	65.7	79.9	86.8	89.8	93.9	95.6	96.1	97.5	97.9	98.1	98.2	98.3	98.3	98.3
≥600	43.6	57.6	65.7	79.9	86.8	89.8	93.9	95.6	96.1	97.5	97.9	98.1	98.2	98.3	98.3	98.3
≥500	43.6	57.6	65.7	79.9	86.8	89.8	93.9	95.6	96.1	97.5	97.9	98.1	98.2	98.3	98.3	98.3
≥400	43.6	57.6	65.7	79.9	86.8	89.8	93.9	95.6	96.1	97.5	97.9	98.1	98.2	98.3	98.3	98.3
≥300	43.6	57.6	65.7	79.9	86.8	89.8	93.9	95.6	96.1	97.5	97.9	98.1	98.2	98.3	98.3	98.3
≥200	43.6	57.6	65.7	79.9	86.8	89.8	93.9	95.6	96.1	97.5	97.9	98.1	98.2	98.3	98.3	98.3
≥100	43.6	57.6	65.7	79.9	86.8	89.8	93.9	95.6	96.1	97.5	97.9	98.1	98.2	98.3	98.3	98.3
≥0	43.6	57.6	65.7	79.9	86.8	89.8	93.9	95.6	96.1	97.5	97.9	98.1	98.2	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 896

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75951 0000RIDGE RAF UK

73-80

SEP 60

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																			
	210	260	250	240	230	220	210	200	190	180	170	160	150	140	130	120	110	100	90	80
20000	27.6	26.8	37.6	38.3	41.2	41.9	43.7	44.7	45.1	46.0	46.2	46.3	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5
18000	24.3	31.7	36.2	45.3	48.4	49.3	51.7	52.4	52.9	53.8	54.7	54.2	54.2	54.3	54.3	54.5	54.5	54.5	54.5	54.5
16000	24.3	31.8	36.3	45.1	48.5	49.5	51.4	52.5	53.7	53.9	54.2	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5
14000	24.7	31.8	36.4	45.1	48.6	49.5	51.5	52.6	53.1	54.0	54.3	54.3	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.6
12000	24.4	32.2	36.8	45.8	49.2	50.2	52.2	53.4	53.9	54.8	55.0	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
10000	25.5	33.6	38.5	47.8	51.4	52.4	54.5	55.7	56.3	57.3	57.5	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8
9000	26.1	34.4	39.4	49.0	52.7	53.7	55.9	57.1	57.7	58.7	58.9	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
8000	28.9	38.3	43.7	54.5	58.8	59.9	62.2	63.5	64.7	65.2	65.5	65.7	65.7	65.8	65.9	66.0	66.0	66.0	66.0	66.0
7000	29.5	39.2	44.6	55.8	60.2	61.2	63.6	65.0	65.7	66.7	67.1	67.1	67.2	67.3	67.4	67.5	67.5	67.5	67.5	67.5
6000	29.8	39.4	45.7	56.3	61.7	61.8	64.2	65.6	66.3	67.4	67.6	67.8	67.8	67.9	68.0	68.1	68.1	68.1	68.1	68.1
5000	31.5	41.4	47.3	58.9	63.5	64.6	67.1	68.5	69.2	70.3	70.6	70.8	70.9	71.0	71.1	71.2	71.2	71.2	71.2	71.2
4500	32.6	42.7	48.7	60.7	65.6	66.8	69.2	70.8	71.5	72.7	72.9	73.2	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5
4000	35.3	46.6	53.2	66.2	71.3	72.6	75.1	76.8	77.6	78.8	79.1	79.3	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6
3500	37.6	49.7	56.5	70.1	75.5	76.8	79.4	81.1	81.9	83.2	83.5	83.7	83.8	83.9	84.0	84.1	84.1	84.1	84.1	84.1
3000	39.6	52.3	59.5	73.8	79.4	80.7	83.4	85.1	86.7	87.2	87.5	87.7	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1
2500	40.1	53.3	60.3	74.9	80.6	81.9	84.6	86.4	87.7	88.5	88.8	89.0	89.1	89.2	89.3	89.4	89.4	89.4	89.4	89.4
2000	41.1	54.5	62.2	77.7	83.7	85.1	87.8	89.7	90.5	91.8	92.1	92.3	92.4	92.5	92.6	92.7	92.7	92.7	92.7	92.7
1800	41.2	54.6	62.4	78.1	84.2	85.5	88.3	90.2	91.0	92.3	92.6	92.9	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2
1600	41.6	55.2	63.1	79.0	85.2	86.7	89.5	91.4	92.3	93.6	93.9	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4
1400	41.8	55.4	63.5	80.1	86.6	88.1	91.1	93.2	94.1	95.4	95.7	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
1200	41.8	55.5	63.6	80.7	87.3	88.9	91.9	94.1	95.0	96.3	96.6	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
1000	41.8	55.5	63.7	80.8	87.5	89.0	92.1	94.2	95.2	96.5	96.8	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
900	41.9	55.6	63.7	81.0	87.8	89.4	92.5	94.6	95.5	96.9	97.2	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
800	41.9	55.7	63.8	81.3	88.2	89.8	93.0	95.1	96.1	97.5	97.8	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5
700	41.9	55.7	63.8	81.3	88.2	89.8	93.0	95.1	96.1	97.5	97.8	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5
600	41.9	55.7	63.8	81.4	88.4	90.0	93.3	95.7	96.9	98.4	98.7	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500	41.9	55.7	63.8	81.4	88.4	90.0	93.3	95.7	96.9	98.4	98.7	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
400	41.9	55.7	63.8	81.4	88.4	90.0	93.3	95.7	96.9	98.4	98.7	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
300	41.9	55.7	63.8	81.4	88.4	90.0	93.3	95.7	96.9	98.4	98.7	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
200	41.9	55.7	63.8	81.4	88.4	90.0	93.3	95.7	96.9	98.4	98.7	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100	41.9	55.7	63.8	81.4	88.4	90.0	93.3	95.7	96.9	98.4	98.7	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	41.9	55.7	63.8	81.4	88.4	90.0	93.3	95.7	96.9	98.4	98.7	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 7190

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75251 000BRIDGE RAF UK

72-82

003

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0000

CEILING FEET	VISIBILITY STATUTE MILES															
	20	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	13.8	23.4	26.3	33.6	35.5	35.7	38.7	39.9	41.4	41.4	41.5	41.7	42.7	42.7	42.7	42.7
20000	19.9	25.0	28.3	35.9	38.0	38.4	40.8	42.8	43.3	44.4	44.5	44.7	45.7	45.4	45.6	45.6
18000	19.9	25.0	28.3	35.9	38.0	38.4	40.8	42.8	43.3	44.4	44.5	44.7	45.7	45.4	45.6	45.6
16000	19.9	25.0	28.3	35.9	38.0	38.4	40.8	42.8	43.3	44.4	44.5	44.7	45.7	45.4	45.6	45.6
14000	19.9	25.0	28.3	35.9	38.0	38.4	40.8	42.8	43.3	44.4	44.5	44.7	45.7	45.4	45.6	45.6
12000	19.9	25.0	28.3	35.9	38.0	38.4	40.8	42.8	43.3	44.4	44.5	44.7	45.7	45.4	45.6	45.6
10000	19.9	25.0	28.3	35.9	38.0	38.4	40.8	42.8	43.3	44.4	44.5	44.7	45.7	45.4	45.6	45.6
8000	24.7	31.3	35.3	44.9	47.4	47.8	50.7	52.6	53.1	54.3	54.4	54.7	55.7	55.4	55.6	55.6
6000	25.2	32.3	36.7	46.4	48.9	49.4	52.2	54.1	54.6	55.8	55.9	56.3	56.6	56.9	57.1	57.1
4000	25.5	32.8	37.2	47.3	49.6	50.7	52.8	54.7	55.3	56.5	56.6	56.9	57.2	57.5	57.8	57.8
2000	26.3	33.5	38.5	48.3	51.1	51.5	54.6	56.7	57.2	58.4	58.5	58.8	59.2	59.5	59.7	59.7
1000	26.9	34.4	39.4	49.2	52.0	52.5	55.6	57.7	58.2	59.4	59.5	59.8	60.1	60.4	60.7	60.7
500	31.4	38.9	45.2	56.7	60.1	60.7	63.8	65.8	66.4	67.6	67.7	68.3	68.6	69.0	69.2	69.2
200	31.5	40.5	47.3	59.4	63.5	64.0	67.5	69.5	70.7	71.3	71.4	72.1	72.4	72.7	73.0	73.0
100	33.1	42.9	50.5	64.1	68.6	69.3	73.1	75.4	76.3	77.9	78.0	78.7	79.2	79.5	79.8	79.8
50	33.4	43.3	51.0	64.8	69.6	70.3	74.4	76.8	77.7	79.3	79.4	80.1	80.4	80.7	81.0	81.0
25	34.2	44.6	52.6	67.7	73.3	74.7	78.6	81.4	82.2	84.2	84.3	84.9	85.2	85.6	85.8	85.8
10	34.4	44.8	52.9	68.0	73.6	74.4	79.0	81.8	82.7	84.6	84.7	85.3	85.7	86.0	86.2	86.2
5	34.6	45.5	53.7	70.2	75.8	76.5	81.1	84.1	84.9	86.9	87.0	87.6	87.9	88.3	88.5	88.5
2	35.0	46.7	54.2	71.1	77.3	78.2	83.5	86.5	87.4	89.3	89.4	90.1	90.4	90.7	90.9	90.9
1	35.5	46.4	54.7	72.0	79.9	79.8	85.3	88.4	89.2	91.2	91.3	91.9	92.2	92.6	92.8	92.8
0.5	35.5	46.4	55.0	72.5	79.4	80.4	85.9	89.0	89.9	91.9	92.0	92.7	93.0	93.3	93.5	93.5
0.2	35.6	46.7	55.2	73.1	80.2	81.1	86.9	90.0	91.3	93.3	93.4	94.1	94.4	94.7	94.9	94.9
0.1	35.6	46.7	55.2	73.1	80.2	81.1	86.9	90.0	91.3	93.3	93.4	94.1	94.4	94.7	94.9	94.9
0.05	35.6	46.7	55.2	73.2	80.4	81.4	87.3	90.6	91.9	94.2	94.3	94.9	95.3	95.6	95.8	95.8
0.02	35.6	46.7	55.2	73.9	81.4	82.3	88.3	91.6	93.0	95.3	95.4	96.0	96.3	96.7	96.9	96.9
0.01	35.6	46.7	55.2	73.9	81.4	82.3	88.3	91.7	93.2	95.5	95.6	96.2	96.6	96.9	97.1	97.1
0.005	35.6	46.7	55.2	73.9	81.4	82.3	88.3	91.8	93.3	95.7	95.9	97.0	97.3	97.7	98.0	98.0
0.002	35.6	46.7	55.2	73.9	81.4	82.3	88.3	91.8	93.3	95.8	96.0	97.2	97.5	98.1	98.4	98.4
0.001	35.6	46.7	55.2	73.9	81.4	82.3	88.3	91.8	93.3	95.8	96.1	97.3	97.6	98.2	98.5	98.5
0.0005	35.6	46.7	55.2	73.9	81.4	82.3	88.3	91.8	93.3	95.8	96.1	97.3	97.6	98.2	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS 000

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

075951 000BRIDGE RAF UK

73-80

067

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

120-140

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	210	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
20000	15.9	18.8	19.4	23.8	25.3	25.4	26.7	26.0	26.7	26.0	26.7	26.0	26.0	26.0	26.0	26.0
18000	21.1	25.4	26.0	31.7	34.0	34.2	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
16000	21.3	25.8	26.5	32.2	34.4	34.6	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
14000	21.3	25.8	26.5	32.2	34.5	34.7	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
12000	21.3	25.9	26.6	32.3	34.6	34.8	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
10000	21.5	26.1	26.8	32.8	35.2	35.4	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
8000	22.2	27.0	27.7	35.1	37.5	37.7	38.7	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
6000	23.3	28.5	29.2	36.7	39.1	39.5	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
4000	26.3	33.8	34.9	44.0	46.6	47.1	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
2000	27.6	35.2	36.6	45.8	48.4	48.9	51.5	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
1000	28.0	35.6	37.1	46.5	49.7	49.6	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
500	29.6	37.5	39.5	49.2	51.8	52.4	54.7	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
250	30.3	38.4	40.3	50.3	53.0	53.5	55.2	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
100	33.9	42.8	45.1	55.8	59.1	59.7	61.5	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
50	37.3	47.1	49.6	61.9	65.9	66.5	68.5	68.9	69.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0
25	41.3	53.8	57.4	71.4	75.8	76.3	78.4	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
10	41.5	54.6	58.3	72.7	77.3	77.8	79.9	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
5	43.8	57.6	61.5	77.0	82.0	82.6	84.6	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
2	44.2	58.4	62.5	78.3	83.3	83.9	85.9	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
1	44.4	59.0	63.7	80.1	85.5	86.7	88.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
0.5	44.4	59.0	64.1	82.5	88.7	89.2	91.5	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
0.25	44.4	59.0	64.2	83.1	89.6	90.1	92.8	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
0.1	44.4	59.0	64.2	83.4	89.9	90.4	92.8	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
0.05	44.4	59.0	64.2	83.4	90.3	91.0	93.4	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
0.025	44.4	59.1	64.3	83.5	90.5	91.2	93.7	96.1	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9
0.01	44.4	59.1	64.3	83.9	90.9	91.7	94.2	96.7	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7
0.005	44.4	59.1	64.3	83.9	91.1	91.9	94.6	97.2	98.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0.0025	44.4	59.1	64.3	83.9	91.1	91.9	94.7	97.4	98.2	99.2	99.4	99.5	99.7	99.9	99.9	99.9
0.001	44.4	59.1	64.3	83.9	91.1	91.9	94.7	97.4	98.2	99.2	99.4	99.5	99.7	100.0	100.0	100.0
0.0005	44.4	59.1	64.3	83.9	91.1	91.9	94.7	97.4	98.2	99.2	99.4	99.5	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03951 00087000 RAF UK

73-87

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES OR HUNDREDS OF METERS															
	210	20	25	24	23	22	27	21	21	21	24	21	21	2510	21	20
	GT9.7	EQ9.0	GE8.7	GE6.0	GE4.8	GE4.2	GE3.2	GE2.4	GE2.7	GE1.6	GE1.7	GE1.0	GE0.8	GE0.5	GE0.4	GE0.3
NO CEILING	16.2	20.3	21.9	24.5	25.5	25.7	26.3	26.7	26.8	27.0	27.0	27.0	27.7	27.0	27.7	27.0
≥ 20000	21.9	27.0	29.1	32.6	34.4	34.9	36.7	36.6	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 18000	22.3	27.5	29.9	33.4	35.3	35.8	37.0	37.5	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 16000	22.3	27.7	30.1	33.7	35.5	36.0	37.2	37.7	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 14000	22.3	27.7	30.1	33.7	35.5	36.0	37.2	37.7	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 12000	22.6	28.2	30.5	34.5	36.3	36.9	38.1	38.6	38.7	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 10000	23.5	29.6	32.7	37.6	39.5	40.0	41.4	42.3	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 9000	24.4	31.0	34.5	40.3	42.4	42.9	44.4	45.3	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 8000	28.2	35.8	40.2	47.3	49.5	50.0	51.5	52.4	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 7000	29.2	37.8	42.3	49.6	51.7	52.3	53.8	54.7	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 6000	29.4	38.1	42.6	50.0	52.2	52.7	54.2	55.2	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 5000	30.5	40.0	45.1	53.1	55.3	55.8	57.4	58.4	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 4500	31.6	41.3	46.5	54.5	56.8	57.3	58.9	59.9	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 4000	35.3	45.4	51.4	62.0	62.6	63.2	64.8	66.1	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 3500	38.1	49.1	55.8	64.7	67.7	68.4	70.0	71.3	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 3000	41.9	54.4	62.7	71.8	76.0	76.9	78.7	80.2	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2500	42.5	55.2	62.9	73.2	77.7	78.7	80.6	82.3	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2000	43.7	56.9	64.7	76.7	82.0	83.0	85.2	87.1	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1800	43.7	57.1	64.9	77.4	83.1	84.1	86.2	88.2	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1500	43.2	57.3	65.2	78.6	84.5	85.5	87.6	89.6	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200	43.3	57.4	65.4	79.8	86.7	87.8	90.3	92.6	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	43.3	57.5	65.5	80.2	87.1	88.3	90.8	93.1	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900	43.3	57.5	65.5	80.4	87.5	88.7	91.2	93.9	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	43.3	57.5	65.5	81.1	88.3	89.5	92.2	95.2	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	43.3	57.5	65.5	81.5	88.7	89.9	92.6	95.8	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	43.3	57.5	65.5	81.6	88.8	90.0	93.1	96.3	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	43.3	57.5	65.5	81.6	88.9	90.1	93.3	96.8	97.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	43.3	57.5	65.5	81.6	88.9	90.1	93.7	97.1	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	43.3	57.5	65.5	81.6	88.9	90.1	93.7	97.1	98.4	99.2	99.2	99.2	99.4	99.4	99.5	99.5
≥ 200	43.3	57.5	65.5	81.6	88.9	90.1	93.7	97.1	98.4	99.2	99.2	99.2	99.4	99.4	99.5	99.5
≥ 100	43.3	57.5	65.5	81.6	88.9	90.1	93.7	97.1	98.4	99.2	99.2	99.2	99.5	99.6	99.8	99.9
≥ 0	43.3	57.5	65.5	81.6	88.9	90.1	93.7	97.1	98.4	99.2	99.2	99.2	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 101-14 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

075051 000BPIDGE RAF UK

73-87

001

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18-0-2-00

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)															
	210	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	19.6	24.7	26.7	29.7	31.6	31.9	33.2	34.5	35.1	35.8	36.2	36.2	36.5	36.5	36.5	36.6
≥ 7000	21.5	28.4	30.4	34.6	37.1	37.4	38.4	40.4	41.1	41.9	42.4	42.4	42.7	42.7	42.7	42.8
≥ 6000	21.5	28.7	30.8	34.9	37.4	37.7	39.5	41.0	41.6	42.5	42.9	42.9	43.2	43.2	43.2	43.3
≥ 5000	21.5	28.7	30.8	34.9	37.4	37.7	39.5	41.0	41.6	42.5	42.9	42.9	43.2	43.2	43.2	43.3
≥ 4000	21.5	28.8	30.9	35.1	37.5	37.8	39.6	41.2	41.9	42.8	43.3	43.3	43.7	43.7	43.7	43.8
≥ 3000	21.8	29.1	31.2	35.4	37.8	38.2	40.0	41.6	42.4	43.2	43.8	43.8	44.1	44.1	44.1	44.2
≥ 2000	22.7	30.4	32.9	37.7	40.6	41.0	43.7	44.6	45.4	46.5	47.7	47.7	47.3	47.4	47.4	47.5
≥ 1000	23.2	31.2	33.8	39.8	42.7	43.0	45.7	46.8	47.5	48.6	49.1	49.1	49.5	49.6	49.6	49.7
≥ 800	26.6	35.3	38.1	45.4	48.4	48.8	51.0	52.8	53.7	54.7	55.3	55.3	55.6	55.7	55.7	55.8
≥ 700	27.4	36.7	39.4	46.8	49.9	50.3	52.5	54.3	55.2	56.2	56.8	56.8	57.1	57.2	57.2	57.3
≥ 600	27.5	36.8	39.5	46.9	50.0	50.4	52.6	54.4	55.3	56.3	56.9	56.9	57.2	57.3	57.3	57.4
≥ 500	29.7	39.6	42.4	50.4	53.8	54.2	56.7	58.5	59.4	60.4	61.0	61.0	61.3	61.4	61.4	61.5
≥ 450	31.3	40.2	43.1	51.2	54.8	55.3	57.8	59.7	60.5	61.6	62.2	62.2	62.5	62.6	62.6	62.7
≥ 400	32.8	43.8	47.6	56.6	60.4	61.0	63.9	65.8	66.7	68.1	68.6	68.6	68.9	69.0	69.0	69.1
≥ 350	34.6	46.9	51.6	60.8	64.7	65.4	68.4	70.3	71.2	72.7	73.2	73.2	73.5	73.7	73.7	73.8
≥ 300	37.1	50.5	55.4	65.3	70.6	71.4	74.6	76.7	77.5	79.0	79.6	79.6	79.9	80.0	80.0	80.1
≥ 250	38.0	51.8	57.0	67.5	72.9	73.7	76.9	79.1	80.0	81.5	82.0	82.0	82.4	82.5	82.5	82.6
≥ 200	38.4	53.2	59.1	71.6	77.2	78.0	81.3	83.7	84.5	86.0	86.6	86.6	86.9	87.0	87.0	87.1
≥ 150	38.4	53.2	59.2	71.9	77.5	78.3	81.6	84.0	84.8	86.3	86.9	86.9	87.2	87.3	87.3	87.4
≥ 100	38.4	53.4	59.5	73.0	79.1	80.4	83.9	86.6	87.4	88.9	89.5	89.5	89.8	89.9	89.9	90.0
≥ 90	38.4	53.5	59.8	74.1	80.6	82.0	86.0	88.8	89.7	91.2	91.7	91.7	92.0	92.2	92.2	92.3
≥ 80	38.5	53.7	60.0	74.6	81.4	82.8	86.8	89.7	90.5	92.0	92.6	92.6	92.9	93.0	93.0	93.1
≥ 70	38.5	53.7	60.1	74.8	81.6	83.0	87.1	90.1	91.2	92.7	93.2	93.2	93.5	93.7	93.7	93.8
≥ 60	38.5	53.7	60.1	74.9	81.9	83.3	87.8	91.0	92.2	93.8	94.3	94.3	94.6	94.7	94.7	94.8
≥ 50	38.5	53.7	60.1	75.4	82.7	84.1	88.8	92.3	93.5	95.5	96.0	96.0	96.3	96.5	96.5	96.6
≥ 40	38.5	53.7	60.1	75.4	83.1	84.6	89.5	93.1	94.4	96.3	96.9	96.9	97.2	97.3	97.3	97.4
≥ 30	38.5	53.7	60.1	75.8	83.5	85.2	90.0	94.1	95.4	97.3	97.8	97.8	98.2	98.3	98.3	98.4
≥ 20	38.5	53.7	60.1	75.8	83.8	85.4	90.3	94.7	96.3	98.3	98.8	98.8	99.2	99.4	99.4	99.6
≥ 10	38.5	53.7	60.1	75.8	83.8	85.4	90.3	94.7	96.3	98.3	98.8	98.8	99.2	99.4	99.4	99.6
≥ 0	38.5	53.7	60.1	75.8	83.8	85.4	90.3	94.7	96.3	98.3	98.8	98.8	99.2	99.4	99.4	99.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 075951 WOODBRIDGE RAF UK

73-82

067

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO. CEILING	5790	5097	4687	4640	4648	4640	4632	4624	4620	4616	4612	4610	4608	4605	4603	4601
≥ 20000	16.7	21.0	23.1	27.9	29.8	30.2	31.6	32.9	33.3	34.0	34.3	34.5	34.7	34.8	35.7	35.1
≥ 18000	18.9	24.5	27.7	32.8	35.3	35.8	37.4	38.9	39.4	40.3	40.5	40.8	41.0	41.1	41.3	41.4
≥ 16000	19.0	24.8	27.3	33.2	35.6	36.2	37.8	39.3	39.8	40.7	41.7	41.2	41.4	41.5	41.7	41.8
≥ 14000	19.0	24.8	27.3	33.2	35.6	36.2	37.8	39.3	39.9	40.7	41.7	41.2	41.4	41.6	41.7	41.9
≥ 12000	19.3	24.9	27.4	33.2	35.7	36.3	37.9	39.4	39.9	40.8	41.1	41.3	41.5	41.7	41.9	41.9
≥ 10000	19.1	25.1	27.6	33.6	36.1	36.7	38.3	39.8	40.4	41.3	41.5	41.8	42.0	42.1	42.3	42.4
≥ 9000	27.1	26.4	29.2	35.8	38.4	39.0	40.9	42.4	43.7	44.0	44.3	44.5	44.7	44.9	45.0	45.1
≥ 8000	20.7	27.3	30.2	37.2	39.9	40.6	42.4	44.0	44.6	45.6	45.9	46.1	46.3	46.5	46.6	46.8
≥ 7000	23.7	31.4	34.9	43.3	46.3	47.0	49.1	50.9	51.5	52.6	52.9	53.2	53.4	53.6	53.7	53.9
≥ 6000	24.4	32.8	36.4	45.0	48.1	48.8	51.7	52.8	53.5	54.5	54.8	55.1	55.3	55.5	55.7	55.8
≥ 5000	24.6	33.1	36.7	45.4	48.5	49.2	51.4	53.2	53.9	54.9	55.2	55.5	55.7	55.9	56.1	56.2
≥ 4500	25.9	34.9	38.9	48.0	51.3	52.7	54.4	56.3	57.0	58.1	58.8	59.6	59.9	59.9	59.9	59.9
≥ 4000	26.5	35.7	39.8	49.1	52.6	53.3	55.7	57.6	58.4	59.5	59.8	60.0	60.2	60.4	60.7	60.7
≥ 3500	29.4	39.5	44.4	54.7	58.6	59.5	62.7	64.1	64.8	66.7	66.7	66.7	66.9	67.1	67.3	67.4
≥ 3000	31.2	42.2	47.6	58.6	63.0	63.8	66.6	68.7	69.5	70.6	71.7	71.3	71.6	71.8	71.9	72.0
≥ 2500	33.6	46.0	52.1	64.3	69.2	70.2	73.1	75.4	76.3	77.6	78.0	78.4	78.6	78.8	79.0	79.1
≥ 2000	34.1	46.7	52.9	65.5	71.8	71.7	74.9	77.3	78.1	79.4	79.8	80.2	80.4	80.6	80.9	80.9
≥ 1800	35.0	48.4	55.1	69.7	74.8	75.8	79.3	81.9	82.7	84.1	84.5	84.9	85.1	85.3	85.5	85.6
≥ 1600	35.1	48.6	55.4	69.5	75.3	76.4	79.9	82.5	83.4	84.7	85.1	85.5	85.7	86.1	86.1	86.2
≥ 1400	35.4	49.1	56.1	71.1	77.2	78.4	82.0	84.8	85.7	87.1	87.5	87.9	88.1	88.4	88.5	88.6
≥ 1200	35.7	49.5	56.6	72.5	79.2	80.5	84.5	87.5	88.5	90.0	90.3	90.7	91.0	91.2	91.3	91.5
≥ 1000	35.8	49.7	56.9	73.3	81.3	81.6	85.8	89.0	90.0	91.4	91.8	92.2	92.4	92.7	92.8	92.9
≥ 900	35.8	49.7	57.7	73.5	81.6	81.9	86.1	89.5	90.6	92.0	92.4	92.8	93.0	93.3	93.4	93.5
≥ 800	35.8	49.8	57.0	73.8	81.1	82.4	86.8	90.3	91.5	93.1	93.5	93.9	94.1	94.3	94.5	94.6
≥ 700	35.9	49.9	57.2	74.2	81.7	83.0	87.6	91.3	92.5	94.2	94.5	95.0	95.2	95.4	95.6	95.7
≥ 600	35.9	49.9	57.2	74.4	82.0	83.4	88.1	91.8	93.1	94.9	95.2	95.7	95.9	96.1	96.3	96.4
≥ 500	35.9	49.9	57.2	74.7	82.4	83.9	88.6	92.6	94.0	95.9	96.2	96.7	96.9	97.2	97.3	97.4
≥ 400	35.9	49.9	57.2	74.7	82.4	83.9	88.8	92.9	94.3	96.8	96.8	97.3	97.5	97.8	97.9	98.1
≥ 300	35.9	49.9	57.2	74.7	82.5	84.7	88.9	93.1	94.7	96.8	97.2	97.8	98.1	98.4	98.6	98.7
≥ 200	35.9	49.9	57.2	74.7	82.5	84.7	88.9	93.1	94.8	96.9	97.3	98.0	98.3	98.7	98.9	99.1
≥ 100	35.9	49.9	57.2	74.7	82.5	84.7	88.9	93.1	94.8	96.9	97.4	98.0	98.3	98.7	99.0	99.6
≥ 0	35.9	49.9	57.2	74.7	82.5	84.7	88.9	93.1	94.8	96.9	97.4	98.0	98.3	98.7	99.0	99.6

TOTAL NUMBER OF OBSERVATIONS 7431

USAF ETAC FORM 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

C1951 WOODBRIDGE RAF UK

73-87

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO. CEILING	GT9	EQ9	GE8	GE6	GE4	GE3	GE2	GE1	GE1	GE1	GE1	GE1	GE1	GE1	GE1	GE1
≥ 20000	22.6	27.3	31.5	37.0	33.9	39.7	47.5	42.6	43.3	43.6	43.8	44.1	44.4	44.3	44.8	44.8
≥ 18000	25.4	30.6	35.8	41.8	43.8	43.9	45.6	47.8	48.4	48.9	49.7	49.4	49.6	50.0	50.0	50.0
≥ 16000	25.4	30.6	35.8	41.8	43.8	43.9	45.6	47.8	48.4	48.9	49.7	49.4	49.6	50.0	50.0	50.0
≥ 14000	25.4	30.6	35.8	41.8	43.8	43.9	45.6	47.8	48.4	48.9	49.7	49.4	49.6	50.0	50.0	50.0
≥ 12000	25.4	30.6	35.8	41.8	43.8	43.9	45.6	47.8	48.4	48.9	49.7	49.4	49.6	50.0	50.0	50.0
≥ 10000	26.0	31.8	36.9	43.1	45.4	45.5	47.4	49.8	50.4	51.0	51.1	51.5	51.8	52.1	52.1	52.1
≥ 8000	26.9	32.9	38.1	44.6	46.9	47.0	48.9	51.3	51.9	52.5	52.6	53.0	53.3	53.6	53.6	53.6
≥ 7000	30.6	37.5	43.3	50.6	52.9	53.0	55.0	57.4	58.0	58.8	58.9	59.3	59.5	59.9	59.9	59.9
≥ 6000	31.6	38.5	44.5	52.1	54.4	54.5	56.8	59.3	59.9	60.6	60.8	61.1	61.8	61.8	61.8	61.8
≥ 5000	31.6	38.8	44.8	52.5	54.8	54.9	57.1	59.6	60.3	61.0	61.1	61.5	61.8	62.1	62.1	62.1
≥ 4500	33.3	40.8	47.1	55.3	57.6	57.8	60.7	62.5	63.1	63.9	64.7	64.4	64.6	65.7	65.0	65.0
≥ 4000	33.3	41.4	47.9	56.5	59.1	59.3	61.9	64.4	65.0	65.8	65.9	66.3	66.5	66.9	66.9	66.9
≥ 3500	36.8	46.3	53.4	63.4	66.1	66.3	69.1	71.6	72.4	73.1	73.3	73.6	73.9	74.3	74.3	74.3
≥ 3000	39.6	50.3	58.1	70.0	72.9	73.0	76.7	78.5	79.4	80.1	80.3	80.6	80.9	81.3	81.3	81.3
≥ 2500	39.6	50.3	58.1	70.4	73.3	73.4	76.4	78.9	79.8	80.5	80.6	81.0	81.3	81.6	81.6	81.6
≥ 2000	47.3	51.8	60.0	73.3	76.1	76.5	79.9	82.4	83.4	84.4	84.5	84.9	85.1	85.5	85.5	85.5
≥ 1800	47.3	51.9	61.1	73.4	76.3	76.6	80.0	82.5	83.5	84.5	84.6	85.0	85.3	85.6	85.6	85.6
≥ 1500	41.1	53.0	61.3	75.8	78.6	79.1	82.6	85.3	86.3	87.3	87.4	87.8	88.7	88.5	88.5	88.5
≥ 1200	41.4	53.8	62.3	77.3	81.1	80.6	84.1	87.1	88.3	89.3	89.4	89.8	90.1	90.6	90.6	90.6
≥ 1000	41.4	53.8	62.4	77.6	81.6	81.1	85.0	88.0	89.1	90.1	90.3	90.6	91.7	91.5	91.5	91.5
≥ 900	41.6	54.4	63.0	78.4	81.5	82.0	85.9	89.0	90.1	91.1	91.3	91.6	92.7	92.5	92.5	92.5
≥ 800	41.6	54.4	63.7	78.5	82.0	82.5	86.6	89.9	91.0	92.0	92.1	92.5	92.9	93.4	93.4	93.4
≥ 700	41.8	54.5	63.1	78.9	82.6	83.1	87.3	90.6	91.9	93.0	93.1	93.5	93.9	94.4	94.4	94.4
≥ 600	41.8	54.6	63.3	79.0	82.8	83.3	87.9	91.3	92.5	93.8	93.9	94.3	94.6	95.1	95.1	95.1
≥ 500	41.8	54.6	63.4	79.1	83.1	83.6	88.6	92.0	93.5	94.8	94.9	95.3	95.8	96.3	96.3	96.3
≥ 400	41.8	54.6	63.4	79.4	83.4	83.9	89.0	92.5	94.0	95.3	95.4	95.8	96.3	96.8	96.8	96.8
≥ 300	41.8	54.6	63.4	79.4	83.8	84.3	89.4	93.3	94.9	96.1	96.3	96.6	97.3	98.7	98.0	98.0
≥ 200	41.8	54.6	63.4	79.4	83.8	84.3	89.4	93.4	95.0	96.3	96.4	96.8	97.4	98.4	99.0	99.0
≥ 100	41.8	54.6	63.4	79.4	83.8	84.3	89.4	93.4	95.0	96.3	96.4	96.8	97.5	98.9	99.5	100.0
≥ 0	41.8	54.6	63.4	79.4	83.8	84.3	89.4	93.4	95.0	96.3	96.4	96.8	97.5	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 800

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NO. 170051 STATION NAME WOODBRIDGE RAF UK

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

607-6077

CEILING FEET	VISIBILITY STATUTE MILES OR (HUNDREDS OF METERS)																			
	210	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8
20000	16.7	19.5	22.0	27.1	28.5	29.1	30.6	32.0	32.2	33.0	33.0	33.1	33.1	33.2	33.2	33.5				
18000	19.4	22.7	25.7	31.8	33.2	33.8	35.3	36.8	37.3	38.3	38.3	38.5	38.5	38.6	38.6	38.9				
16000	19.4	22.7	25.8	32.1	33.5	34.1	35.6	37.1	37.6	38.6	38.6	38.7	38.7	38.8	38.8	39.1				
14000	19.4	22.7	25.8	32.1	33.5	34.1	35.6	37.1	37.6	38.6	38.6	38.7	38.7	38.8	38.8	39.1				
12000	19.7	23.2	26.5	32.7	34.1	34.8	36.5	38.0	38.5	39.5	39.5	39.6	39.6	39.7	39.7	40.0				
10000	20.9	24.5	27.7	34.1	35.5	36.6	38.2	39.8	40.4	41.6	41.6	41.8	41.8	41.9	41.9	42.2				
8000	22.7	26.6	29.8	36.8	39.7	39.8	41.4	43.1	43.7	44.8	44.8	45.1	45.1	45.2	45.2	45.4				
6000	25.2	29.8	34.2	42.2	44.3	45.4	47.2	48.8	49.4	50.6	50.6	50.8	50.8	50.9	50.9	51.2				
4000	25.7	30.7	35.2	43.2	45.3	46.4	48.2	49.8	50.6	51.8	51.9	52.1	52.1	52.2	52.2	52.4				
2000	25.8	31.1	35.7	43.8	45.9	47.1	48.8	50.4	51.2	52.4	52.4	52.7	52.7	52.8	52.8	53.1				
1000	27.3	33.6	38.6	47.3	49.4	50.6	52.4	54.1	54.9	56.2	56.3	56.6	56.7	56.8	56.8	57.1				
800	29.1	35.5	40.4	49.4	51.9	53.1	55.3	57.1	57.9	59.2	59.3	59.6	59.7	59.8	59.8	60.0				
600	32.3	35.3	45.2	55.7	58.8	60.0	62.7	64.7	65.8	67.0	67.2	67.4	67.5	67.7	67.7	67.9				
400	34.1	41.9	48.1	59.7	63.0	64.4	67.0	69.0	70.2	71.4	71.5	71.8	71.9	72.0	72.0	72.3				
200	36.3	45.4	52.7	64.7	68.2	69.5	72.3	74.3	75.4	76.8	76.9	77.2	77.3	77.4	77.4	77.7				
100	37.3	46.1	53.6	65.9	69.4	70.8	73.5	75.7	76.8	78.2	78.3	78.5	78.7	78.8	78.8	79.0				
80	38.2	47.8	55.8	68.9	73.2	74.5	77.7	79.9	81.0	82.4	82.5	82.8	82.9	83.1	83.1	83.4				
60	38.2	47.8	55.8	69.2	73.4	74.8	77.9	80.1	81.3	82.6	82.8	83.0	83.1	83.4	83.4	83.6				
40	39.5	48.2	56.4	70.4	75.0	76.4	79.7	82.0	83.1	84.5	84.6	84.9	85.0	85.3	85.3	85.5				
20	39.5	49.9	58.9	74.4	79.2	80.5	84.4	86.8	87.9	89.3	89.4	89.6	89.8	90.0	90.0	90.3				
10	39.7	50.2	59.3	75.0	80.1	81.5	85.5	88.1	89.3	90.6	90.8	91.0	91.1	91.4	91.4	91.6				
8	39.7	50.2	59.4	75.3	80.5	82.0	86.0	88.6	89.8	91.1	91.3	91.5	91.6	91.9	91.9	92.1				
6	39.7	50.2	59.4	75.5	81.0	82.6	87.0	89.8	90.9	92.3	92.4	92.6	92.8	93.0	93.0	93.3				
4	39.7	50.3	59.6	75.8	81.5	83.1	87.5	90.3	91.4	92.8	92.9	93.1	93.3	93.5	93.5	93.8				
2	39.7	50.4	59.8	76.5	82.4	84.0	88.5	91.3	92.5	93.9	94.0	94.3	94.4	94.6	94.6	94.9				
1	39.7	50.6	59.9	77.2	83.1	84.9	89.4	92.1	93.5	95.0	95.1	95.4	95.5	95.8	95.8	96.0				
0	39.7	50.6	59.9	77.2	83.3	85.0	89.6	92.5	93.9	95.5	95.6	95.9	96.0	96.3	96.3	96.5				
0	39.7	50.6	59.9	77.2	83.4	85.1	89.8	92.6	94.4	96.4	96.5	96.8	96.8	97.1	97.3	97.8				
0	39.7	50.6	59.9	77.2	83.4	85.1	89.8	92.6	94.4	96.6	96.6	96.8	97.1	97.3	98.3	98.8				
0	39.7	50.6	59.9	77.2	83.4	85.1	89.8	92.6	94.4	96.6	96.8	97.1	97.3	98.3	98.8	100.0				

TOTAL NUMBER OF OBSERVATIONS 801

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

135961 WOODBRIDGE RAF, UK

73-80

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

11-2-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES) OR (HUNDREDS OF METERS)																			
	20	20	25	24	24	22	22	21	21	20	20	19	19	18	18	17	17	16	16	15
6000	61.9	64.9	65.9	66.0	66.8	66.7	67.3	67.4	67.7	68.4	68.5	68.8	69.3	69.5	69.8	70.0	70.2	70.4	70.6	70.8
5000	21.5	27.3	31.6	36.7	39.1	38.7	39.4	41.3	41.9	42.4	42.5	42.6	42.6	43.1	43.5	43.6	43.7	43.8	43.9	44.0
4000	24.0	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
3000	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
2000	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
1000	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
800	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
700	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
600	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
500	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
400	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
300	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
200	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
100	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
80	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
70	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
60	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
50	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
40	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
30	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
20	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
10	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
8	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
7	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
6	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
5	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
4	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
3	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
2	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9
1	24.1	31.0	35.6	40.7	42.2	42.4	43.9	45.7	46.4	46.8	47.3	47.5	47.5	48.0	48.3	48.5	48.6	48.7	48.8	48.9

TOTAL NUMBER OF OBSERVATIONS 809

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 000000 RAF UK

73-87

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY: STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
≥ 20000	19.7	22.8	25.7	29.9	31.6	32.0	33.1	34.3	34.7	35.0	35.0	35.1	35.2	35.5	35.5	35.5
≥ 18000	22.6	27.4	30.9	35.6	37.7	38.2	39.3	40.7	41.3	41.6	41.7	41.8	41.8	42.1	42.2	42.2
≥ 16000	22.7	27.5	31.0	36.0	37.9	38.4	39.6	40.9	41.3	41.8	41.9	42.0	42.0	42.3	42.4	42.4
≥ 14000	22.8	27.7	31.1	36.2	38.1	38.6	39.8	41.1	41.5	42.0	42.1	42.2	42.2	42.5	42.6	42.6
≥ 12000	23.1	28.1	31.5	36.6	38.6	39.2	40.3	41.7	42.1	42.5	42.6	42.8	42.8	43.1	43.2	43.2
≥ 10000	24.2	29.5	33.1	38.4	40.5	41.1	42.3	43.7	44.2	44.7	44.9	44.9	45.0	45.3	45.3	45.4
≥ 9000	25.5	31.0	34.8	40.9	43.1	43.7	45.0	46.4	46.8	47.3	47.4	47.6	47.6	47.9	48.0	48.2
≥ 8000	28.4	34.7	39.1	46.7	48.5	49.1	50.5	52.0	52.6	53.2	53.3	53.4	53.4	53.7	53.8	53.8
≥ 7000	29.2	35.6	40.2	47.5	50.0	50.7	52.1	53.7	54.4	55.0	55.1	55.2	55.2	55.5	55.6	55.6
≥ 6000	29.3	35.8	40.4	47.9	50.4	51.1	52.5	54.1	54.8	55.4	55.5	55.6	55.6	55.9	56.0	56.1
≥ 5000	30.8	38.0	43.0	51.1	53.8	54.4	55.9	57.6	58.3	58.9	59.0	59.1	59.2	59.5	59.5	59.6
≥ 4500	31.7	39.1	44.1	52.5	55.5	56.2	57.8	59.7	60.3	60.9	61.0	61.2	61.2	61.5	61.6	61.6
≥ 4000	34.7	43.2	48.8	58.5	61.9	62.6	64.4	66.2	67.0	67.6	67.7	67.8	67.9	68.2	68.2	68.3
≥ 3500	37.1	46.2	52.2	62.7	66.3	67.1	69.0	70.9	71.6	72.2	72.3	72.5	72.5	72.8	72.9	72.9
≥ 3000	39.3	49.7	56.4	67.9	71.7	72.5	74.6	76.6	77.3	78.0	78.1	78.2	78.3	78.6	78.7	78.7
≥ 2500	39.7	50.1	57.0	68.9	72.9	73.7	75.8	77.8	78.6	79.2	79.3	79.5	79.5	79.8	79.9	80.0
≥ 2000	40.8	51.9	59.2	72.5	77.1	78.1	80.4	82.5	83.3	84.0	84.2	84.3	84.4	84.7	84.8	84.8
≥ 1800	40.9	52.1	59.4	72.8	77.5	78.5	80.8	82.9	83.7	84.4	84.6	84.7	84.8	85.1	85.2	85.2
≥ 1500	41.4	52.8	60.3	74.3	79.4	80.4	82.8	84.9	85.8	86.5	86.7	86.8	86.9	87.2	87.3	87.4
≥ 1200	41.9	53.8	61.6	76.8	82.4	83.5	86.3	88.6	89.4	90.2	90.3	90.4	90.5	90.9	91.0	91.0
≥ 1000	42.0	54.0	62.0	77.6	83.5	84.6	87.7	90.1	91.0	91.8	91.9	92.1	92.1	92.5	92.6	92.6
≥ 900	42.0	54.1	62.2	78.0	84.0	85.2	88.3	90.8	91.7	92.4	92.6	92.7	92.8	93.2	93.3	93.3
≥ 800	42.0	54.2	62.3	78.3	84.7	85.9	89.2	91.7	92.7	93.4	93.5	93.7	93.8	94.1	94.2	94.3
≥ 700	42.1	54.3	62.3	78.7	85.3	86.6	90.0	92.5	93.6	94.4	94.5	94.7	94.7	95.1	95.2	95.3
≥ 600	42.1	54.4	62.4	79.0	85.6	87.0	90.6	93.1	94.3	95.1	95.2	95.3	95.4	95.8	95.9	95.9
≥ 500	42.1	54.4	62.5	79.2	86.1	87.5	91.2	94.0	95.2	96.1	96.2	96.4	96.5	96.9	97.0	97.0
≥ 400	42.1	54.4	62.5	79.3	86.3	87.7	91.4	94.4	95.7	96.6	96.8	96.9	97.0	97.4	97.5	97.6
≥ 300	42.1	54.4	62.5	79.3	86.5	87.8	91.7	94.7	96.1	97.2	97.4	97.6	97.7	98.3	98.5	98.5
≥ 200	42.1	54.4	62.5	79.3	86.5	87.8	91.7	94.8	96.2	97.3	97.6	97.8	97.9	98.8	99.1	99.4
≥ 100	42.1	54.4	62.5	79.3	86.5	87.8	91.7	94.8	96.2	97.3	97.6	97.8	98.0	98.9	99.3	100.0
≥ 50	42.1	54.4	62.5	79.3	86.5	87.8	91.7	94.8	96.2	97.3	97.6	97.8	98.0	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 5588

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75051

RODRIDGE RAF UK

73-74, 76-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0000

CEILING FEET	VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)			
	210	20	25	24	23	22	22	21	21	21	20	20	20	20	20	20	20	20	20	20
NO CEILING	18.1	21.4	24.2	29.4	31.8	32.2	33.2	33.6	34.7	34.4	34.4	34.4	35.0	35.3	35.3	35.5	35.5	35.5	35.5	35.5
20000	19.3	22.9	25.9	31.1	33.5	33.9	35.0	35.4	35.8	36.2	36.6	36.8	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4
18000	19.3	22.9	25.9	31.1	33.5	33.9	35.0	35.4	35.8	36.2	36.6	36.8	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4
16000	19.4	23.1	26.1	31.3	33.6	34.0	35.2	35.5	35.9	36.3	36.7	37.0	37.2	37.2	37.2	37.5	37.5	37.5	37.5	37.5
14000	19.4	23.2	26.2	31.4	33.7	34.1	35.3	35.7	36.1	36.5	36.9	37.1	37.4	37.4	37.4	37.6	37.6	37.6	37.6	37.6
12000	19.7	23.4	26.4	31.6	34.0	34.4	35.5	35.9	36.3	36.7	37.1	37.4	37.6	37.6	37.6	37.9	37.9	37.9	37.9	37.9
10000	20.4	24.2	27.2	32.6	35.0	35.4	36.6	37.0	37.4	37.8	38.2	38.4	38.7	38.7	38.7	38.9	38.9	38.9	38.9	38.9
8000	21.2	25.0	28.1	33.5	35.9	36.3	37.5	37.9	38.3	38.7	39.1	39.3	39.6	39.6	39.6	39.8	39.8	39.8	39.8	39.8
6000	23.8	28.9	32.4	39.9	41.5	42.1	43.5	43.9	44.5	44.9	45.3	45.6	45.9	45.9	45.9	46.1	46.1	46.1	46.1	46.1
4000	24.7	29.3	32.8	39.7	42.3	43.3	44.4	44.8	45.4	45.8	46.2	46.5	46.7	46.7	46.7	47.0	47.0	47.0	47.0	47.0
2000	24.7	29.6	33.5	40.4	43.0	43.6	45.1	45.4	46.1	46.5	46.9	47.1	47.4	47.4	47.4	47.7	47.7	47.7	47.7	47.7
1000	25.7	31.5	35.4	43.8	46.6	47.4	48.8	49.5	50.1	50.5	50.9	51.2	51.4	51.4	51.4	51.7	51.7	51.7	51.7	51.7
800	26.2	32.3	36.2	44.5	47.5	48.3	49.7	50.4	51.0	51.4	51.8	52.1	52.3	52.3	52.3	52.6	52.6	52.6	52.6	52.6
600	29.4	35.8	40.4	50.1	53.5	54.3	55.7	56.5	57.2	57.6	57.9	58.2	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.7
400	30.2	37.0	42.7	53.9	57.4	58.2	59.8	60.5	61.2	61.8	62.2	62.5	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0
200	32.9	40.9	46.7	59.4	63.3	64.1	65.8	66.8	67.6	68.2	68.8	69.1	69.4	69.4	69.4	69.7	69.7	69.7	69.7	69.7
100	34.3	42.3	48.3	61.1	65.1	65.9	67.7	68.8	69.5	70.3	70.8	71.2	71.6	71.6	71.6	71.9	71.9	71.9	71.9	71.9
80	35.2	43.6	50.3	63.9	69.0	69.8	71.6	72.7	73.6	74.3	74.9	75.3	75.7	75.7	75.7	76.0	76.0	76.0	76.0	76.0
60	35.8	44.4	51.3	65.2	71.4	71.2	73.0	74.1	75.0	75.8	76.3	76.7	77.1	77.1	77.1	77.5	77.5	77.5	77.5	77.5
40	36.8	46.0	53.3	68.2	74.0	74.7	76.7	77.7	78.6	79.4	79.9	80.3	80.7	80.7	80.7	81.1	81.1	81.1	81.1	81.1
20	36.9	46.9	54.4	71.0	77.2	78.0	80.6	81.6	82.6	83.3	83.9	84.2	84.6	84.6	84.6	85.0	85.0	85.0	85.0	85.0
10	37.3	47.0	54.9	72.5	78.9	79.7	82.4	83.6	84.5	85.3	85.8	86.3	86.7	86.7	86.7	87.1	87.1	87.1	87.1	87.1
5	37.3	47.0	54.9	72.7	79.4	80.2	83.3	84.5	85.4	86.2	86.7	87.2	87.6	87.6	87.6	88.0	88.0	88.0	88.0	88.0
3	37.1	47.1	55.1	73.0	80.1	80.9	84.1	85.3	86.2	87.0	87.5	88.0	88.4	88.4	88.4	88.8	88.8	88.8	88.8	88.8
2	37.2	47.5	55.5	73.7	81.0	81.8	85.4	87.0	87.9	88.7	89.2	89.7	90.1	90.1	90.1	90.5	90.5	90.5	90.5	90.5
1	37.5	47.8	55.7	74.5	81.9	82.8	87.2	89.2	90.2	91.0	91.5	92.1	92.4	92.4	92.4	92.8	92.8	92.8	92.8	92.8
0	37.5	47.8	55.7	74.6	82.2	83.1	88.3	90.5	91.8	92.6	93.1	93.6	94.0	94.0	94.0	94.4	94.4	94.4	94.4	94.4
0	37.5	47.8	55.7	74.6	82.2	83.1	88.3	90.5	91.8	92.6	93.1	93.6	94.0	94.0	94.0	94.4	94.4	94.4	94.4	94.4
0	37.5	47.8	55.7	74.9	82.4	83.3	89.6	92.3	94.1	95.3	95.8	96.4	96.7	96.7	96.7	97.3	97.3	97.3	97.3	97.3
0	37.5	47.8	55.7	74.9	82.4	83.3	89.6	92.6	94.5	95.7	96.4	96.9	97.3	97.3	97.3	97.9	97.9	97.9	97.9	97.9
0	37.5	47.8	55.7	74.9	82.4	83.3	89.6	92.6	94.5	95.8	96.5	97.0	97.5	97.5	97.5	98.0	98.0	98.0	98.0	98.0
0	37.5	47.8	55.7	74.9	82.4	83.3	89.6	92.6	94.5	95.8	96.5	97.0	97.5	97.5	97.5	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS 768

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75951 WOODBRIDGE RAF UK

73-74,76-82

01C

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-75951

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)																			
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8
20000	19.7	20.8	23.5	27.2	37.1	50.2	32.7	32.1	32.5	33.1	33.1	33.5	33.5	33.7	34.2	34.2	34.2	34.2	34.2	34.2
18000	20.1	22.3	25.3	29.1	32.7	32.8	34.6	34.7	35.1	35.7	35.7	36.1	36.1	36.3	36.7	36.7	36.7	36.7	36.7	36.7
16000	21.2	22.4	25.4	29.2	32.8	32.9	34.7	34.8	35.2	35.8	35.8	36.2	36.2	36.5	36.9	36.9	36.9	36.9	36.9	36.9
14000	21.2	22.4	25.4	29.2	32.8	32.9	34.7	34.8	35.2	35.8	35.8	36.2	36.2	36.5	36.9	36.9	36.9	36.9	36.9	36.9
12000	21.0	23.2	26.2	30.2	33.7	33.9	35.7	35.8	36.2	36.7	36.7	37.2	37.2	37.4	37.8	37.8	37.8	37.8	37.8	37.8
10000	21.7	23.5	26.5	30.6	34.2	34.3	36.1	36.2	36.6	37.2	37.2	37.6	37.6	37.8	38.3	38.3	38.3	38.3	38.3	38.3
8000	24.2	27.3	31.1	36.2	40.7	40.2	42.1	42.2	42.9	43.6	43.6	44.0	44.0	44.3	44.7	44.7	44.7	44.7	44.7	44.7
6000	24.9	28.4	32.2	37.3	41.7	41.8	43.9	44.0	44.7	45.4	45.4	45.8	45.8	46.0	46.4	46.4	46.4	46.4	46.4	46.4
4000	24.9	28.4	32.4	37.4	41.8	41.9	44.0	44.1	44.8	45.5	45.5	45.9	45.9	46.2	46.6	46.6	46.6	46.6	46.6	46.6
2000	25.8	29.9	33.9	39.1	43.7	44.0	46.7	46.2	46.9	47.5	47.5	48.0	48.0	48.2	48.6	48.6	48.6	48.6	48.6	48.6
1000	26.5	30.9	34.9	40.3	45.1	45.4	47.7	47.8	48.5	49.2	49.2	49.6	49.6	49.9	50.3	50.3	50.3	50.3	50.3	50.3
500	29.5	34.8	39.7	47.0	51.9	52.2	54.5	54.6	55.3	56.0	56.0	56.4	56.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1
250	31.7	36.7	42.2	50.8	55.7	56.0	58.3	58.5	59.2	59.8	59.8	60.2	60.2	60.5	60.9	60.9	60.9	60.9	60.9	60.9
150	33.3	40.7	47.7	56.8	62.4	62.8	65.3	65.4	66.5	67.3	67.3	67.9	67.9	68.2	68.6	68.6	68.6	68.6	68.6	68.6
100	34.0	41.4	48.0	59.0	64.6	65.0	67.5	67.6	68.7	69.5	69.5	70.1	70.1	70.4	70.8	70.8	70.8	70.8	70.8	70.8
50	36.1	44.5	52.2	63.9	69.8	70.5	73.0	73.1	74.2	75.0	75.0	75.5	75.5	75.8	76.2	76.2	76.2	76.2	76.2	76.2
25	36.3	44.9	52.6	64.6	70.9	71.6	74.0	74.2	75.3	76.1	76.1	76.6	76.6	76.9	77.3	77.3	77.3	77.3	77.3	77.3
15	36.9	46.2	54.7	66.4	73.2	74.0	76.6	76.8	77.9	78.7	78.7	79.2	79.2	79.5	79.9	79.9	79.9	79.9	79.9	79.9
10	37.7	47.5	55.9	69.8	77.7	79.0	82.1	82.5	83.6	84.4	84.4	85.0	85.0	85.2	85.7	85.7	85.7	85.7	85.7	85.7
5	37.7	47.5	55.9	70.5	79.6	80.1	83.2	83.6	85.1	85.9	85.9	86.5	86.5	86.7	87.2	87.2	87.2	87.2	87.2	87.2
2	37.7	47.5	56.3	71.0	79.1	80.6	83.9	84.3	85.8	86.6	86.6	87.2	87.2	87.4	87.8	87.8	87.8	87.8	87.8	87.8
1	38.2	47.8	56.6	71.4	79.9	81.4	84.7	85.1	86.6	87.4	87.4	88.0	88.0	88.3	88.7	88.7	88.7	88.7	88.7	88.7
0.5	38.1	48.2	56.7	72.0	81.6	83.2	86.5	87.3	88.8	89.6	89.6	90.2	90.2	90.4	90.8	90.8	90.8	90.8	90.8	90.8
0.2	38.1	48.2	56.7	72.3	82.5	84.3	88.4	89.6	91.1	91.9	91.9	92.5	92.5	92.8	93.2	93.2	93.2	93.2	93.2	93.2
0.1	38.5	48.4	57.1	72.7	83.1	85.0	89.8	91.0	92.9	93.7	93.7	94.3	94.3	94.5	94.9	94.9	94.9	94.9	94.9	94.9
0.05	38.5	48.4	57.1	72.7	83.2	85.4	90.4	91.9	94.0	94.9	94.9	95.1	95.1	95.6	95.9	95.9	95.9	95.9	95.9	95.9
0.02	38.5	48.4	57.1	73.1	83.6	85.8	90.8	92.6	94.7	95.6	95.6	96.6	96.6	96.9	97.3	97.3	97.3	97.3	97.3	97.3
0.01	38.5	48.4	57.1	73.1	83.6	85.8	91.0	92.8	94.9	96.2	96.4	97.1	97.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1
0.005	38.5	48.4	57.1	73.1	83.6	85.8	91.0	92.8	94.9	96.2	96.4	97.1	97.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 732

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35951 300BRIDGE RAF UK

73-74-76-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000

CEILING FEET	VISIBILITY: STATUTE MILES																OR (HUNDREDS OF METERS)			
	210	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	2510	24	23	20
NO CEILING	619	609	608	607	606	605	604	603	602	601	600	599	598	597	596	595	594	593	592	591
≥ 25000	17.2	21.2	23.0	24.0	24.8	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
≥ 18000	18.6	22.8	24.9	25.7	26.3	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 6000	18.6	22.9	25.7	28.3	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 14000	18.6	22.9	25.7	28.3	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 12000	18.6	22.9	25.7	28.3	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 10000	18.7	23.3	25.4	28.7	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 9000	19.1	23.8	25.9	29.2	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 8000	19.6	24.9	27.0	30.5	33.4	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 7000	22.1	27.8	30.3	34.7	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 6000	22.5	28.4	31.9	35.8	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 5000	23.9	30.7	33.6	38.8	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 4500	24.1	31.3	34.2	39.6	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 4000	26.1	34.5	38.7	44.3	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 3500	28.2	37.1	41.1	48.4	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 3000	29.6	39.2	44.7	52.9	59.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 2500	30.9	40.7	46.2	54.7	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 2000	33.4	45.3	51.8	61.3	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 1800	33.8	45.8	52.5	62.5	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 1500	34.5	47.1	53.8	64.7	71.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 1200	35.1	48.6	55.8	67.8	73.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 1000	35.4	48.9	56.4	68.7	75.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 900	35.5	49.1	56.7	69.1	76.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 800	35.8	49.3	57.1	71.5	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 700	35.8	49.3	57.1	71.7	78.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 600	35.8	49.3	57.1	71.2	78.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 500	35.8	49.3	57.1	71.6	79.3	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 400	35.8	49.3	57.1	71.8	79.9	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 300	35.8	49.3	57.1	72.2	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 200	35.8	49.3	57.1	72.2	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 100	35.8	49.3	57.1	72.2	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 0	35.8	49.3	57.1	72.2	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8

TOTAL NUMBER OF OBSERVATIONS 760

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

076951 WOODBRIDGE RAF UK

73-74-76-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

920-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
≥20000	13.6	16.9	19.2	22.2	23.5	23.9	25.7	25.6	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥18000	16.4	21.3	23.6	28.5	30.3	30.8	32.2	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.6	33.6
≥16000	16.5	21.5	23.8	28.7	30.7	31.2	32.6	33.3	33.7	33.8	33.9	33.8	33.8	33.8	33.9	33.9
≥14000	16.5	21.5	23.8	28.7	30.7	31.2	32.6	33.3	33.7	33.8	33.9	33.8	33.8	33.8	33.9	33.9
≥12000	16.5	21.6	23.9	28.8	30.8	31.3	32.7	33.5	33.8	33.9	33.9	33.9	33.9	33.9	34.1	34.1
≥10000	17.1	22.4	25.2	30.3	32.2	32.8	34.3	35.0	35.4	35.5	35.5	35.5	35.5	35.5	35.6	35.6
≥9000	17.5	23.5	26.4	31.9	33.9	34.5	36.0	36.7	37.1	37.2	37.2	37.2	37.2	37.2	37.3	37.3
≥8000	21.0	26.3	29.6	37.0	39.4	40.0	42.1	42.9	43.3	43.8	43.8	43.9	43.9	43.9	44.0	44.0
≥7000	27.8	27.5	31.9	38.3	41.7	41.3	43.4	44.2	44.5	45.1	45.1	45.2	45.2	45.2	45.3	45.3
≥6000	20.8	27.5	30.9	38.4	41.8	41.5	43.5	44.4	44.7	45.2	45.2	45.3	45.3	45.3	45.5	45.5
≥5000	21.9	29.0	32.6	40.2	42.9	43.5	45.6	46.4	46.8	47.3	47.3	47.4	47.4	47.4	47.5	47.5
≥4500	22.5	29.7	33.3	41.2	44.4	45.1	47.2	48.0	48.4	48.8	48.8	49.0	49.0	49.0	49.1	49.1
≥4000	24.7	33.3	37.3	46.9	50.2	50.9	53.2	54.2	54.5	55.2	55.2	55.3	55.3	55.3	55.4	55.4
≥3500	26.5	36.4	40.8	51.5	55.8	56.5	59.2	60.2	60.6	61.2	61.2	61.3	61.3	61.3	61.5	61.5
≥3000	29.0	40.5	46.1	58.7	63.2	64.0	66.8	68.4	68.7	69.7	69.7	69.8	69.8	69.8	69.9	69.9
≥2500	29.1	40.7	46.3	59.2	63.9	64.7	67.5	69.1	69.5	70.4	70.4	70.5	70.5	70.5	70.7	70.7
≥2000	30.1	42.4	49.0	63.4	68.4	69.6	72.7	74.7	75.2	76.5	76.5	76.6	76.6	76.6	76.7	76.7
≥1800	31.3	42.8	49.5	64.4	69.5	70.7	73.8	76.0	76.5	77.8	77.8	77.9	77.9	77.9	78.1	78.1
≥1500	31.4	44.5	51.3	67.5	72.7	73.9	77.5	79.8	80.2	81.6	81.6	81.7	81.7	81.7	81.8	81.8
≥1200	31.4	44.7	51.9	68.8	74.4	75.8	80.4	82.8	83.3	84.7	84.7	84.8	84.8	84.8	85.0	85.0
≥1000	31.4	44.7	51.9	69.2	75.2	76.5	81.2	83.6	84.2	85.7	85.7	85.8	85.8	85.8	85.9	85.9
≥900	31.5	44.8	52.0	69.6	75.5	76.8	81.6	84.0	84.7	86.5	86.5	86.7	86.7	86.7	86.8	86.8
≥800	31.5	44.8	52.0	69.8	76.8	78.3	83.2	85.6	86.3	88.2	88.2	88.4	88.4	88.4	88.5	88.5
≥700	31.8	45.1	52.2	70.8	77.9	79.4	84.5	87.3	88.2	90.2	90.2	90.3	90.3	90.3	90.4	90.4
≥600	31.8	45.1	52.2	71.9	79.2	80.7	85.9	89.3	90.4	92.5	92.5	92.6	92.6	92.6	92.7	92.7
≥500	31.8	45.1	52.2	72.1	79.5	81.7	87.2	90.7	92.4	94.7	94.8	94.9	95.2	95.4	95.5	95.5
≥400	31.8	45.1	52.2	72.4	79.8	81.9	87.4	91.0	93.6	96.4	96.5	96.6	96.8	97.1	97.2	97.2
≥300	31.8	45.1	52.2	72.4	79.8	81.9	87.4	91.2	93.9	97.0	97.1	97.2	97.5	97.7	97.8	97.8
≥200	31.8	45.1	52.2	72.4	79.8	81.9	87.4	91.3	94.1	97.1	97.3	97.6	98.1	98.5	99.2	99.8
≥100	31.8	45.1	52.2	72.4	79.8	81.9	87.4	91.3	94.1	97.1	97.3	97.6	98.1	98.7	99.3	100.0
≥0	31.8	45.1	52.2	72.4	79.8	81.9	87.4	91.3	94.1	97.1	97.3	97.6	98.1	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 825

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 175951 WOODBRIDGE RAF UK

73-74, 76-82

REF

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
≥20000	15.3	18.4	20.6	26.1	27.2	27.3	27.8	28.7	29.7	28.2	28.7	23.5	24.7	28.1	28.1	28.1
≥18000	19.2	23.6	26.8	33.6	34.7	34.8	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.6	35.6	35.6
≥16000	19.2	23.6	26.8	33.9	35.4	35.5	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.4	36.4	36.4
≥14000	19.4	23.9	27.1	34.2	35.6	35.8	36.2	36.5	36.5	36.5	36.5	36.5	36.5	36.6	36.6	36.6
≥12000	19.9	24.5	27.8	34.9	36.4	36.5	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.3	37.3	37.3
≥10000	20.7	25.6	29.2	36.4	37.9	38.1	39.5	38.8	38.8	38.8	38.8	38.8	38.8	38.9	38.9	38.9
≥8000	21.1	26.2	29.8	37.2	38.9	39.0	39.5	39.8	39.8	39.8	39.8	39.8	39.8	39.9	39.9	39.9
≥6000	23.6	29.9	33.9	42.9	45.2	45.3	45.8	46.2	46.3	46.5	46.5	46.5	46.5	46.7	46.7	46.7
≥4000	23.8	32.5	34.5	43.8	46.3	46.4	46.9	47.3	47.4	47.6	47.6	47.6	47.6	47.8	47.8	47.8
≥2000	24.1	30.9	34.9	44.1	46.7	46.8	47.3	47.6	47.8	48.0	48.0	48.0	48.0	48.1	48.1	48.1
≥1000	25.3	32.4	36.5	46.3	49.3	49.5	50.1	50.4	50.5	50.8	50.8	50.8	50.8	50.9	50.9	50.9
≥500	25.8	33.0	37.5	47.9	50.9	51.7	51.6	52.0	52.1	52.4	52.4	52.4	52.4	52.5	52.5	52.5
≥250	28.2	36.6	41.3	52.4	56.0	56.1	56.7	57.1	57.3	57.6	57.6	57.6	57.6	57.7	57.7	57.7
≥125	29.3	38.9	44.1	56.1	61.5	61.6	61.6	62.1	62.3	62.5	62.5	62.5	62.5	62.7	62.7	62.7
≥62.5	31.4	42.8	48.1	61.6	66.3	66.4	67.8	68.7	69.1	69.2	69.2	69.2	69.2	69.3	69.3	69.3
≥31.25	31.9	43.3	49.1	62.8	67.6	67.8	69.1	70.1	70.4	70.7	70.7	70.7	70.7	70.8	70.8	70.8
≥15.625	33.9	46.8	53.2	68.5	73.9	74.1	76.1	77.7	78.1	78.3	78.3	78.3	78.3	78.5	78.5	78.5
≥7.8125	33.9	46.8	53.5	69.5	75.3	75.5	77.4	79.4	79.8	80.0	80.0	80.0	80.1	80.2	80.2	80.2
≥3.90625	34.5	47.6	54.4	70.7	76.8	77.1	79.2	81.0	81.3	81.6	81.6	81.6	81.7	81.8	81.8	81.8
≥1.953125	34.8	48.1	55.6	73.8	80.6	80.8	83.9	85.7	86.1	86.3	86.4	86.4	86.5	86.7	86.7	86.7
≥0.9765625	35.7	48.6	56.2	74.8	81.9	82.2	85.3	87.3	87.6	88.7	88.7	88.7	88.7	88.8	88.8	88.8
≥0.48828125	35.7	48.8	56.5	75.4	82.8	83.2	86.8	88.8	89.5	89.8	89.9	89.9	90.1	90.2	90.2	90.2
≥0.244140625	35.0	49.1	56.7	76.7	83.5	83.9	87.6	89.7	90.3	90.8	90.9	90.9	91.1	91.2	91.2	91.2
≥0.1220703125	35.7	49.2	56.8	76.5	84.0	84.4	88.5	90.7	91.4	91.9	92.0	92.0	92.1	92.2	92.2	92.2
≥0.06103515625	35.7	49.2	56.8	76.8	84.7	85.2	89.3	91.6	92.5	93.2	93.3	93.3	93.6	93.7	93.7	93.7
≥0.030517578125	35.0	49.2	57.0	77.3	85.3	85.8	90.4	93.9	95.3	96.5	96.8	96.8	97.2	97.3	97.3	97.3
≥0.0152587890625	35.0	49.2	57.0	77.3	85.3	85.8	90.4	94.5	95.9	97.3	97.7	97.7	98.1	98.2	98.2	98.2
≥0.00762939453125	35.0	49.2	57.0	77.3	85.3	85.8	90.4	94.7	96.0	97.6	98.1	98.1	98.4	98.5	98.5	98.5
≥0.003814697265625	35.0	49.2	57.0	77.3	85.3	85.8	90.4	94.7	96.0	97.7	98.2	98.2	98.7	98.8	98.8	98.8
≥0.0019073486328125	35.0	49.2	57.0	77.3	85.3	85.8	90.4	94.7	96.0	97.7	98.2	98.3	98.7	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 825

USAF ETAC 1200 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

73951 WOODBRIDGE RAF UK

73-74,76-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15.0-17.00

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)															
	210	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
21000	15.1	19.7	21.4	26.4	27.7	27.9	29.7	29.7	29.8	30.0	30.2	30.2	30.3	30.3	30.3	30.3
20000	18.5	24.3	26.8	33.1	34.4	34.5	36.3	36.6	36.7	37.0	37.1	37.1	37.1	37.2	37.2	37.2
21800	18.6	24.5	27.0	33.6	34.9	35.0	36.7	37.1	37.2	37.5	37.6	37.6	37.6	37.7	37.7	37.7
21600	18.5	24.5	27.0	33.6	34.9	35.0	36.7	37.1	37.2	37.5	37.6	37.6	37.6	37.7	37.7	37.7
21400	18.7	24.6	27.1	33.7	35.0	35.2	36.9	37.2	37.3	37.6	37.7	37.7	37.7	37.8	37.8	37.8
21200	18.7	24.9	27.5	34.1	35.4	35.5	37.2	37.6	37.7	38.0	38.1	38.1	38.1	38.2	38.2	38.2
21000	20.1	26.6	29.3	36.0	37.6	37.7	39.4	39.9	40.0	40.3	40.4	40.4	40.4	40.5	40.5	40.5
20800	21.7	27.3	29.9	37.0	38.6	38.7	40.4	40.9	41.0	41.2	41.4	41.4	41.4	41.5	41.5	41.5
20600	23.6	31.1	34.1	42.7	45.3	45.4	47.1	47.7	47.8	48.5	48.7	48.7	48.7	48.8	48.8	48.8
20400	24.7	31.6	34.7	43.7	46.2	46.4	48.1	48.7	48.8	49.5	49.6	49.6	49.6	49.8	49.8	49.8
20200	24.1	31.8	34.8	43.8	46.4	46.5	48.2	48.8	48.9	49.6	49.8	49.8	49.8	49.9	49.9	49.9
20000	24.9	33.5	37.2	46.6	49.3	49.4	51.1	51.7	51.8	52.6	52.7	52.7	52.7	52.8	52.8	52.8
21800	25.2	33.8	37.7	47.8	50.5	50.6	52.3	52.9	53.0	53.8	53.9	53.9	53.9	54.0	54.0	54.0
21600	26.8	36.0	40.4	51.2	54.1	54.4	56.3	56.9	57.1	57.8	57.9	57.9	57.9	58.0	58.0	58.0
21400	27.9	37.8	42.9	55.2	59.0	59.2	61.4	62.0	62.0	62.9	63.0	63.0	63.0	63.1	63.1	63.1
21200	29.7	41.1	47.1	60.8	64.7	65.0	67.6	68.5	68.7	69.6	69.7	69.7	69.7	69.8	69.8	69.8
21000	29.9	42.0	47.9	62.2	66.2	66.4	69.1	70.0	70.7	71.5	71.7	71.7	71.7	71.8	71.8	71.8
20800	31.7	43.4	49.8	65.6	70.3	70.9	73.8	75.3	76.2	77.4	77.5	77.5	77.5	77.6	77.7	77.7
20600	31.1	44.2	50.5	67.0	71.9	72.5	75.4	77.0	77.9	79.1	79.2	79.2	79.3	79.4	79.4	79.4
20400	31.1	44.4	50.9	68.5	74.0	74.7	77.9	79.4	80.4	81.6	81.7	81.8	81.9	82.0	82.0	82.0
20200	31.9	45.4	51.9	71.3	77.5	78.2	82.6	84.3	85.3	86.5	86.6	86.6	86.7	86.9	86.9	86.9
20000	32.0	45.6	52.3	72.0	78.8	79.6	83.9	85.8	86.9	88.3	88.4	88.4	88.4	88.7	88.7	88.7
21800	32.3	45.6	52.3	72.1	79.3	80.0	84.7	86.6	87.7	89.2	89.3	89.3	89.4	89.5	89.5	89.5
21600	32.7	45.6	52.3	72.9	80.3	81.0	85.9	88.7	89.9	91.4	91.5	91.5	91.6	91.7	91.7	91.7
21400	32.2	45.9	52.6	73.1	81.5	81.4	86.6	89.9	91.1	92.6	92.8	92.8	92.9	93.1	93.1	93.1
21200	32.4	46.1	52.9	73.5	81.1	82.1	88.1	91.7	93.1	94.6	94.9	94.9	95.1	95.3	95.3	95.3
21000	32.4	46.1	53.0	73.6	81.4	82.4	88.6	92.6	94.5	96.4	96.6	96.6	96.8	97.0	97.0	97.0
20800	32.4	46.1	53.0	73.6	81.5	82.5	88.8	92.8	94.8	96.8	97.1	97.3	97.6	97.7	97.7	97.7
20600	32.4	46.1	53.0	73.6	81.8	82.7	89.2	93.3	95.3	97.7	98.1	98.4	98.7	98.8	98.8	98.8
20400	32.4	46.1	53.0	73.6	81.8	82.7	89.2	93.3	95.6	98.2	98.5	98.9	99.1	99.5	99.5	99.5
20200	32.4	46.1	53.0	73.6	81.8	82.7	89.2	93.3	95.6	98.2	98.5	98.9	99.1	99.5	99.5	99.5
20000	32.4	46.1	53.0	73.6	81.8	82.7	89.2	93.3	95.6	98.2	98.5	98.9	99.1	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 822

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13051 WOODBRIDGE RAF UK

73-74-76-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13 2-7000

VISIBILITY	VISIBILITY STATUTE MILES																OR (HUNDREDS OF METERS)			
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5
1000	17.4	21.0	23.7	26.0	27.7	30.0	31.1	31.5	31.5	31.8	32.7	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
800	19.1	22.4	25.2	32.0	33.9	34.3	35.7	36.3	36.3	36.5	36.8	37.0	37.3	37.1	37.1	37.1	37.1	37.1	37.1	37.1
600	19.1	23.4	25.2	32.4	34.2	34.7	35.1	36.7	36.7	36.9	37.1	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5
400	19.1	23.4	25.2	32.4	34.2	34.7	35.1	36.7	36.7	36.9	37.1	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5
200	19.1	23.4	25.2	32.5	34.3	34.8	36.2	36.8	36.8	37.0	37.3	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6
100	19.2	23.5	26.1	32.6	34.5	35.1	36.3	36.9	36.9	37.1	37.4	37.6	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8
50	19.6	23.9	26.4	33.3	35.1	35.6	36.9	37.5	37.5	37.8	38.7	38.2	38.2	38.5	38.5	38.5	38.5	38.5	38.5	38.5
25	21.5	24.8	27.5	34.7	36.5	37.1	38.4	39.2	39.2	39.5	39.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
12.5	22.7	27.9	31.7	39.0	41.3	41.8	43.1	44.3	44.5	44.7	44.9	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4
6.25	23.3	28.5	31.4	40.0	42.3	42.9	44.2	45.4	45.6	45.8	46.0	46.3	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5
3.125	24.7	30.2	33.6	42.6	44.9	45.6	46.9	48.1	48.2	48.5	48.7	49.0	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2
1.5625	24.8	30.3	34.0	44.2	46.8	47.4	48.7	49.9	50.1	50.3	50.5	50.8	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0
0.78125	27.2	33.1	37.4	48.5	51.6	52.3	53.7	55.1	55.3	55.5	55.8	56.0	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3
0.390625	28.5	35.1	39.6	51.8	55.4	56.0	57.9	59.2	59.4	59.7	59.9	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4
0.1953125	31.2	39.3	44.8	58.8	62.9	63.5	65.8	67.1	67.5	67.8	68.1	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6
0.09765625	31.9	40.4	45.9	60.3	64.3	64.9	67.2	68.9	69.7	70.0	70.3	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8
0.048828125	32.9	41.8	47.0	64.6	68.9	69.8	72.1	74.1	74.8	75.2	75.4	75.6	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9
0.0244140625	32.9	41.8	47.0	65.5	69.9	70.8	73.1	75.0	75.8	76.2	76.5	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0
0.01220703125	33.4	42.5	48.7	67.8	72.8	73.8	76.7	78.9	79.8	80.3	80.5	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0
0.006103515625	34.3	43.7	50.3	71.5	77.6	78.7	82.7	84.9	86.7	86.5	86.7	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2
0.0030517578125	34.5	44.0	50.7	72.7	78.9	80.0	84.2	86.4	87.5	88.4	88.7	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2
0.00152587890625	34.5	44.0	50.7	72.7	78.9	80.0	84.2	86.4	87.5	88.4	88.7	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2
0.000762939453125	34.5	44.1	50.9	73.6	80.4	81.6	86.6	89.0	90.3	91.2	91.5	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
0.0003814697265625	34.6	44.1	50.9	74.3	81.4	82.7	87.9	90.5	91.7	92.7	92.9	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5
0.00019073486328125	34.6	44.1	50.9	74.3	81.4	82.8	88.6	91.8	93.2	94.2	94.4	94.6	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0
0.000095367431640625	34.6	44.1	50.9	74.5	82.2	83.8	89.8	93.8	95.2	96.3	96.6	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0.0000476837158203125	34.6	44.1	50.9	74.5	82.3	84.0	90.4	94.5	96.0	97.1	97.3	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
0.00002384185791015625	34.6	44.1	50.9	74.5	82.5	84.2	90.5	94.8	96.3	97.8	98.1	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.000011920928955078125	34.6	44.1	50.9	74.5	82.5	84.2	90.5	94.8	96.5	98.1	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0000059604644775390625	34.6	44.1	50.9	74.5	82.5	84.2	90.5	94.8	96.5	98.1	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 821

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12051 0008PIIDGE RAF UK

73-74,76-d2

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

11-12-2000

CEILING FEET	VISIBILITY: STATUTE MILES OR (HUNDREDS OF METERS)																			
	20	20	20	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
1000	16.2	19.3	22.1	28.1	31.1	31.6	32.2	32.6	32.8	32.8	32.9	33.1	33.1	33.3	33.5	33.5	33.5	33.5	33.5	33.5
800	17.7	20.9	24.1	30.9	34.2	34.8	35.4	35.8	36.0	36.1	36.1	36.5	36.5	36.8	36.9	36.9	36.9	36.9	36.9	36.9
600	17.8	21.0	24.2	31.0	34.3	34.9	35.5	35.9	36.1	36.3	36.3	36.6	36.6	36.9	37.0	37.0	37.0	37.0	37.0	37.0
400	17.9	21.1	24.3	31.3	34.6	35.2	35.8	36.1	36.4	36.5	36.5	36.9	36.9	37.1	37.2	37.2	37.2	37.2	37.2	37.2
200	18.9	22.2	25.4	32.8	36.3	36.9	37.5	37.9	38.1	38.2	38.2	38.6	38.6	38.8	39.9	38.9	38.9	38.9	38.9	38.9
100	19.9	23.2	26.4	33.9	37.4	38.0	38.6	38.9	39.2	39.3	39.3	39.7	39.7	39.9	40.0	40.0	40.0	40.0	40.0	40.0
50	23.7	27.4	31.5	39.9	43.3	44.1	44.7	45.1	45.3	45.4	45.4	45.8	45.8	46.0	46.2	46.2	46.2	46.2	46.2	46.2
20	23.5	28.2	32.4	41.1	44.6	45.3	45.9	46.3	46.5	46.6	46.6	47.0	47.0	47.3	47.4	47.4	47.4	47.4	47.4	47.4
10	23.7	28.3	32.5	41.3	44.7	45.4	46.0	46.4	46.6	46.8	46.8	47.1	47.1	47.4	47.5	47.5	47.5	47.5	47.5	47.5
5	24.9	29.7	33.8	43.8	47.7	48.5	49.3	49.8	50.1	50.2	50.3	50.7	50.7	50.9	51.0	51.0	51.0	51.0	51.0	51.0
2	25.2	30.2	34.4	45.2	49.6	50.3	51.2	51.6	51.9	52.0	52.1	52.5	52.5	52.7	52.9	52.9	52.9	52.9	52.9	52.9
1	26.4	31.9	36.9	48.6	53.6	54.3	55.2	55.7	55.9	56.0	56.2	56.5	56.5	56.8	56.9	56.9	56.9	56.9	56.9	56.9
0.5	27.2	33.3	38.9	51.4	56.8	57.9	59.1	59.6	59.8	60.2	60.3	60.7	60.7	60.9	61.1	61.1	61.1	61.1	61.1	61.1
0.2	29.8	37.4	43.2	56.8	62.5	63.7	65.1	65.7	66.1	66.4	66.5	66.9	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3
0.1	30.3	38.1	44.3	58.1	63.9	65.1	66.8	67.6	68.3	68.7	68.9	69.2	69.2	69.5	69.6	69.6	69.6	69.6	69.6	69.6
0.05	31.7	40.7	47.7	62.6	68.5	69.7	71.8	72.6	73.3	73.7	73.9	74.2	74.2	74.5	74.6	74.6	74.6	74.6	74.6	74.6
0.02	32.2	41.4	48.6	64.0	70.0	71.2	73.4	74.2	74.9	75.3	75.5	75.8	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.2
0.01	33.9	43.6	51.0	67.5	73.9	75.2	77.7	78.5	79.1	79.6	79.7	80.1	80.1	80.3	80.5	80.5	80.5	80.5	80.5	80.5
0.005	34.4	44.4	51.9	71.1	78.4	79.7	82.9	83.8	84.4	84.9	85.0	85.3	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7
0.002	34.4	44.4	52.1	71.9	79.4	80.7	84.5	85.3	86.1	86.9	87.1	87.4	87.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8
0.001	34.4	44.4	52.1	72.4	80.3	81.8	86.1	86.9	87.7	88.5	88.6	89.0	89.0	89.3	89.4	89.4	89.4	89.4	89.4	89.4
0.0005	34.4	44.4	52.1	73.0	81.4	82.9	87.3	88.2	88.9	89.7	89.9	90.2	90.2	90.5	90.6	90.6	90.6	90.6	90.6	90.6
0.0002	34.4	44.6	52.5	73.6	82.3	83.9	88.4	90.0	91.0	91.8	91.9	92.3	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7
0.0001	34.4	44.6	52.5	73.9	83.2	84.9	89.9	92.4	93.7	94.6	94.7	95.1	95.1	95.4	95.5	95.5	95.5	95.5	95.5	95.5
0.00005	34.4	44.6	52.5	73.9	83.4	85.1	90.7	93.4	95.5	96.6	96.7	97.1	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4
0.00002	34.4	44.6	52.5	73.9	83.4	85.1	90.7	93.4	96.0	97.2	97.3	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0
0.00001	34.4	44.6	52.5	73.9	83.4	85.1	90.7	93.4	96.0	97.2	97.3	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS 819

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35251 000BRIDGE RAF UK

73-74, 76-87

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
21000	19.7	19.8	22.1	26.6	28.7	28.9	30.1	30.5	30.7	30.9	31.7	31.2	31.2	31.3	31.4	31.4
20000	18.6	22.7	25.4	31.9	33.1	33.4	34.7	35.2	35.5	35.7	35.8	35.9	36.2	36.1	36.2	36.2
18000	18.6	22.7	25.5	31.1	33.4	33.7	35.7	35.5	35.7	36.1	36.7	36.2	36.2	36.3	36.5	36.5
16000	18.5	22.8	25.5	31.1	33.4	33.7	35.7	35.6	35.8	36.7	36.1	36.3	36.3	36.4	36.5	36.5
14000	18.7	22.9	25.6	31.2	33.5	33.8	35.1	35.7	35.9	36.1	36.2	36.3	36.4	36.5	36.6	36.6
12000	18.8	23.1	25.8	31.5	33.8	34.1	35.4	36.0	36.2	36.4	36.5	36.6	36.7	36.8	36.9	36.9
10000	19.5	24.1	26.8	32.7	35.0	35.4	36.7	37.2	37.5	37.7	37.8	38.0	38.2	38.1	38.2	38.2
9000	20.2	24.8	27.7	33.7	36.2	36.5	37.8	38.4	38.7	38.9	39.1	39.2	39.3	39.4	39.4	39.4
8000	22.8	28.3	31.7	39.0	41.9	42.2	43.7	44.3	44.7	45.1	45.2	45.4	45.4	45.5	45.6	45.7
7000	23.3	29.1	32.5	40.0	43.0	43.4	44.8	45.5	45.9	46.3	46.4	46.5	46.6	46.7	46.8	46.8
6000	23.4	29.2	32.7	41.3	43.2	43.6	45.1	45.7	46.1	46.5	46.6	46.8	46.8	46.9	47.1	47.1
5000	24.6	31.9	34.6	42.7	45.9	46.4	47.9	48.6	49.0	49.4	49.5	49.7	49.7	49.8	49.9	50.0
4500	25.1	31.4	35.3	43.9	47.3	47.8	49.3	50.1	50.4	50.8	50.9	51.1	51.1	51.3	51.4	51.4
4000	27.2	34.5	38.9	48.7	52.5	53.0	54.6	55.4	55.8	56.2	56.3	56.5	56.5	56.7	56.8	56.8
3500	28.6	36.5	41.5	52.4	56.8	57.3	59.2	60.1	60.5	61.0	61.1	61.3	61.3	61.4	61.5	61.6
3000	31.4	41.1	47.7	59.7	64.5	65.1	67.3	68.5	69.2	69.8	69.9	70.1	70.2	70.3	70.4	70.5
2500	32.9	43.5	50.2	64.3	69.5	70.2	72.7	74.1	74.9	75.6	75.7	75.9	76.1	76.2	76.3	76.5
2000	33.2	44.0	50.7	65.4	70.8	71.5	74.1	75.5	76.3	77.1	77.2	77.4	77.4	77.6	77.7	77.7
1800	34.1	45.2	52.1	67.7	73.5	74.3	77.1	78.7	79.5	80.2	80.3	80.5	80.6	80.8	80.9	81.0
1600	34.5	46.1	53.4	71.7	77.2	78.2	81.8	83.4	84.3	85.0	85.2	85.4	85.5	85.6	85.8	85.8
1400	34.6	46.3	53.7	71.6	78.4	79.4	83.2	84.9	85.9	86.8	86.9	87.2	87.3	87.4	87.5	87.6
1200	34.6	46.4	53.9	71.8	78.8	79.9	83.9	85.6	86.6	87.6	87.7	88.0	88.1	88.2	88.3	88.4
1000	34.7	46.5	54.1	72.5	79.9	81.0	85.3	87.2	88.2	89.3	89.4	89.6	89.7	89.9	90.0	90.0
900	34.8	46.6	54.2	73.0	80.8	81.9	86.4	88.5	89.6	90.7	90.9	91.1	91.2	91.4	91.5	91.5
800	34.9	46.7	54.3	73.5	81.5	82.8	87.8	90.0	91.6	92.7	92.9	93.1	93.2	93.4	93.5	93.5
700	34.9	46.8	54.4	73.8	82.0	83.4	88.9	92.0	93.6	94.9	95.1	95.3	95.5	95.7	95.8	95.8
600	34.9	46.8	54.4	73.9	82.2	83.7	89.4	92.7	94.4	95.9	96.2	96.4	96.6	96.8	96.9	96.9
500	34.9	46.8	54.4	74.0	82.4	83.8	89.6	93.2	95.7	96.8	97.1	97.4	97.6	97.8	97.9	98.0
400	34.9	46.8	54.4	74.0	82.4	83.8	89.6	93.3	95.4	97.2	97.6	97.9	98.1	98.7	98.9	99.1
300	34.9	46.8	54.4	74.0	82.4	83.8	89.6	93.3	95.4	97.2	97.6	97.9	98.2	98.8	99.2	99.8
200	34.9	46.8	54.4	74.0	82.4	83.8	89.6	93.3	95.4	97.2	97.6	97.9	98.2	98.8	99.2	99.8

TOTAL NUMBER OF OBSERVATIONS 6372

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of possible in the period represented. Mean number of hours is shown to tenths and indicates number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 35051 WOODBRIDGE RAF UK
 STATION NAME

54-83

DAILY TEMPERATURES

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
90						.6	.1						.0
85						7.0	3.3	2.8	.6				.1
80					.7	8.3	15.1	13.7	3.5	.2			.7
75			.2	.4	4.8	23.8	40.4	39.4	17.7	1.3			3.4
70			.9	1.8	15.2	52.6	75.1	82.4	51.2	10.6	.1		11.7
65			2.8	12.1	45.2	84.7	97.2	98.8	89.5	39.5	2.2	.2	24.3
60			15.6	37.2	78.9	97.4	100.0	100.0	99.8	78.5	19.9	4.4	39.5
55	1.1	2.3	41.8	70.1	96.4	100.0			100.0	96.2	54.5	23.5	53.1
50	14.8	18.5	71.8	91.6	99.7					100.0	83.8	52.4	68.1
45	42.3	44.5	91.8	98.9	100.0						96.6	81.7	82.2
40	70.8	72.4	92.5	99.2							100.0	95.5	92.7
35	91.0	92.5	99.0									99.5	98.2
30	98.8	99.0											99.8
25	100.0	99.9										100.0	100.0
20		100.0											100.0
15													
10													
5													
0													
MEAN	42.9	43.4	48.1	52.5	59.1	65.5	68.6	68.9	65.1	58.2	49.8	44.8	55.6
S.D.	5.947	6.080	6.200	5.890	5.801	6.134	5.521	4.875	4.724	5.095	5.247	5.774	11.135
TOTAL OBS	856	879	897	835	868	810	868	868	810	861	783	847	10112

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
75951 WOODBRIDGE RAF UK
STATION STATION NAME

54-83

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

MINIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
65						2.0	11.6	15.6	4.2	.6			2.9
64				.1	2.2	23.3	54.3	55.2	31.4	8.6	.8		14.0
63	.9	.2	.9	2.5	20.2	64.7	88.1	89.6	66.8	33.6	8.2	1.4	31.5
62	6.1	4.2	6.4	18.0	58.3	87.0	98.2	98.5	90.2	64.5	25.4	10.5	47.3
61	24.6	21.0	31.2	55.3	66.6	98.3	100.0	99.9	99.3	87.2	52.2	30.2	65.5
60	55.6	51.7	70.7	83.1	97.5	99.6		100.0	100.0	98.5	79.4	64.3	83.4
59	66.8	65.3	80.7	92.0	99.0	100.0				99.5	88.3	73.6	88.8
58	82.6	84.4	91.1	98.9	99.9					100.0	97.4	87.5	95.1
57	93.1	95.7	98.3	100.0	100.0						100.0	96.2	98.6
56	98.0	98.9	99.8									99.3	99.7
55	99.3	100.0	100.0									100.0	99.9
54	99.9												100.0
53	100.0												100.0
52													
51													
50													
49													
48													
47													
46													
45													
44													
43													
42													
41													
40													
39													
38													
37													
36													
35													
34													
33													
32													
31													
30													
29													
28													
27													
26													
25													
24													
23													
22													
21													
20													
19													
18													
17													
16													
15													
14													
13													
12													
11													
10													
9													
8													
7													
6													
5													
4													
3													
2													
1													
0													
MEAN	35.0	34.8	37.0	40.0	45.3	50.6	54.4	54.8	51.5	46.6	40.2	36.4	43.9
S.D.	6.626	5.828	5.354	5.064	4.965	4.837	4.254	4.456	5.014	5.758	6.221	6.315	9.390
TOTAL OBS	856	879	897	835	868	810	868	868	810	861	783	897	10112

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AID WEATHER SERVICE/MAC
775951 WOODBRIDGE RAF UK
STATION

54-83

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
75						.2	.2	.1					.2
70						1.6	4.1	3.8	.5				.9
65					.2	9.3	26.6	26.4	7.7	.3			6.0
60				.2	7.9	40.2	67.9	72.7	43.1	8.0	.1		22.1
55			.8	4.6	32.7	76.9	96.4	98.2	81.7	36.1	3.8	.5	36.1
50	2.8	2.6	9.9	28.0	74.5	97.9	99.9	100.0	99.1	73.8	23.8	6.5	51.6
45	20.1	20.3	38.1	66.1	94.6	99.5	100.0		100.0	94.8	55.4	27.4	69.1
40	50.6	48.8	74.1	91.3	99.4	100.0				100.0	85.4	61.6	84.3
35	79.7	81.8	93.2	99.8	100.0						98.1	85.5	94.8
30	93.3	96.2	99.6	100.0							100.0	97.4	98.9
25	98.9	99.6	100.0									99.8	99.9
20	99.9	100.0										100.0	100.0
15	100.0												100.0
10													
5													
0													
-5													
-10													
-15													
-20													
-25													
-30													
-35													
-40													
-45													
-50													
-55													
-60													
-65													
-70													
-75													
-80													
-85													
-90													
-95													
-100													
MEAN	39.2	39.4	42.8	46.5	52.4	58.3	61.8	62.1	58.6	52.7	45.3	40.9	50.0
S.D.	5.979	5.607	5.204	4.890	4.815	4.857	4.348	4.031	4.224	4.890	5.375	5.722	9.762
TOTAL OBS	856	809	897	835	868	810	868	868	810	861	783	847	10112

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

035951 WOODBRIDGE RAF UK STATION NAME

54-23

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54										71	60	59	
55		52	52	57*	69	64	73	81	78	79	66	59	80
56		52	52	59									
57			55	63	64	64	88	79	73	68	63	54	55
58		54	58	58	66	68	73	79	74	75	62*	54*	54
59		52	59	56	64	73	80	84	83	82	76	55	52
60		52	59	58	64	72	78	73	76	73	65	61	55
61		52	57	67	64	73	81	86	79	77	67	58	59
62		52	55	56	65	65	75	72	74	76	69	59	57
63		53	41	58	65	73	76	78	73	73	64	58	50
64		51	53	50	60	75	77	79	82	80	67	60	57
65		55	50	71	61	74	72	71	75	69	72	59	56
66		51	56	56	63	75	76	75	75	72	64	57	53
67		52	56	63	69	69	71	79	79	71	68	59	56
68		54	46	67	72	67	72	79	74	74	70	61	52
69		56	50	56	70	76	76	85	79	77	71	65	48
70		47	53	58	61	72	85	81	79	76	72	63	54
71		53	53	57	64	71	69	82	78	71	69	60	59
72		53	51	66	60	68	68	78	71	71*	64	57	55
73		51	55	57	59	68	78	78	80	82	66	57	55
74		59	57	67	66	71	77	80	78	71	57	57	60
75		55	53	51	62	62	75	82	87	73	66*	55*	51
76		55*	59*	62	62	73	87	86	84	71	66	57	46
77		51	51	62	64	69	78	84	75	75	54	60	50
78		50	51	59	57	75	77	75	78	80	69	60	53
79		42	44	57	68	73	75	80	75	75	68	59	59
80		51	54	55	66	68	75	77	79	70	64	57	55
81		52	55	59	63	73	75	82	73	73	64	61	48
82		52	52	55	59	72	77	79	84	75	63*	61*	57
83		57	52	61	61	66	79	91	82				
MEAN	51.3	52.9	58.9	63.7	70.8	76.6	79.9	78.1	74.9	66.8	59.0	54.8	80.8
S.D.	4.094	4.179	4.682	3.508	4.069	4.782	4.958	3.953	3.826	3.896	2.318	3.862	3.258
TOTAL OBS	856	809	897	835	868	810	868	868	810	861	783	847	10112

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

035951 WOODBRIDGE RAF, VA
STATION

54-23

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54										33	29	29	
55	23	23	24*	27	32	40	46	46	41	31	32	25	22
56	21	15	27										
57		27	30	32	32	41	49	45	39	35	29	22	
58	13	25	18	30	34	40	47	48	42	40*	35*	20	19
59	21	25	32	35	35	42	47	48	45	36	30	31	23
60	22	25	34	34	33	43	43	45	44	35	33	21	22
61	20	33	31	34	35	38	44	47	43	32	30	17	17
62	22	28	22	31	37	43	44	46	41	36	27	20	20
63	2	17	24	27	33	48	45	47	42	39	27	25	2
64	24	24	27	30	41	42	40	41	43	32	27	16	16
65	28	28	19	31	36	39	42	48	41	35	25	19	19
66	21	25	27	30	38	39	44	41	41	36	30	21	21
67	21	28	33	30	29	28	50	47	42	37	32	24	23
68	15	28	32	28	35	44	44	44	42	42	31	23	16
69	30	17	27	30	35	41	46	48	37	38	26	24	17
70	21	23	24	26	38	44	44	42	44	37	30	20	21
71	24	30	28	32	35	44	41	48	42	35	28	32	24
72	14	32	33	37	37	39	46	44	41*	35	32	28	14
73	31	26	30	32	33	41	44	51	44	33	28	26	26
74	28	32	31	37	37	42	48	46	41	35	30	35	29
75	31	30	30	30	35	37	46	50	44	42*	42*	28	29
76	30*	33*	32	28	39	39	48	44	46	41	32	24	24
77	24	30	35	32	41	50	53	50	46	39	30	35	24
78	26	19	28	28	39	41	46	44	39	41	28	23	19
79	14	24	28	28	30	48	48	44	39	36	30	30	14
80	25	30	28	34	39	46	46	39	45	34	25	27	25
81	28	23	32	32	32		46	46	45	37	32	18	
82	21	27	27	30	34	45	53	48	43	36*	32*	28	21
83	32	28	34	34	41	43	48	48					
MEAN	22.7	25.8	28.3	31.2	35.3	41.7	45.9	46.7	42.3	36.4	29.2	25.4	20.1
S D	5.584	4.622	4.330	2.856	3.376	3.717	2.846	2.912	2.267	3.354	2.223	5.354	4.600
TOTAL OBS	856	809	897	835	868	810	868	868	810	861	783	847	1012

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

2

MONTH

HOURS (L. S. T.)

USAFETAC

2

•

۷۴۰

MONT

HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

2

1

YEARS

12
MONTH

PAGE 1 24-29
HOURS (L. S. T.)

USAFETAC
FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

2

4-75, 77-57

JLH

STATION	STATION NAME
---------	--------------

YEARS

MONTH

DATE: 1953-11-2

HOURS (L. S. T.)

ALL OTHERS ARE PROHIBITED FROM ENTERING OFFICIALS

0.26-5 (OL A)

1000

USAFETAC

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: PATRICK SPANIC /MAC

PSYCHROMETRIC SUMMARY

STATION: APOPOKALIFE BAF K STATION NAME: 74-75,77-0 YEARS: JAN MONTH: 1955

Temp. (F)	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
1/55																																	1	1		
2/57																																	5	5		
3/58																																	5	5		
4/55																																	1	1	2	
5/51																																	4	4	0	0
6/49																																	3	3	1	0
7/47																																	7	7	5	4
8/45																																	15	15	0	3
9/42																																	17	17	0	4
10/42																																	4	4	1	0
11/42																																	4	4	1	0
12/39																																	7	7	1	0
13/37																																	2	2	1	0
14/35																																	3	3	7	0
15/35																																	3	3	7	0
16/33																																	3	3	7	0
17/33																																	3	3	7	0
18/33																																	3	3	7	0
19/33																																	3	3	7	0
20/33																																	3	3	7	0
21/33																																	3	3	7	0
22/33																																	3	3	7	0
23/33																																	3	3	7	0
24/33																																	3	3	7	0
25/33																																	3	3	7	0
26/33																																	3	3	7	0
27/33																																	3	3	7	0
28/33																																	3	3	7	0
29/33																																	3	3	7	0
30/33																																	3	3	7	0
31/33																																	3	3	7	0
TOTAL																																	834	34	634	234

Element (X)	Z _g	Z _g	I	° _g	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	46738.7	41773	74.1	10.68	834	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	
Dry Bulb	1522376	15274	42.3	6.47	834		5.5					0.3
Wet Bulb	1200824	32432	39.9	5.59	834		9.9					0.3
Dew Point	1.19443	286.7	38.4	6.465	834		35.7					0.3

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC FORM 10-54

2

REMIAL CLIMATOLOGY BRANCH
USAFETAC
AIRCRAFT SERVICE/AC

PSYCHROMETRIC SUMMARY

STATION 430 WIDE F. BAF. STATION NAME 7-25-77-0 YEARS MONTH

Hours (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
1/ 31																									
2/ 50																									
3/ 51																									
4/ 51																									
5/ 47																									
6/ 40																									
7/ 40																									
8/ 41																									
9/ 37																									
10/ 37																									
11/ 33																									
12/ 31																									
13/ 29																									
14/ 27																									
15/ 25																									
16/ 23																									
17/ 21																									
18/ 19																									
19/ 17																									
20/ 15																									
21/ 13																									
22/ 11																									
23/ 9																									
24/ 7																									
25/ 5																									
26/ 3																									
27/ 1																									
28/ 0																									
29/ 0																									
30/ 0																									
31/ 0																									
TOTAL																		534	674	834					

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total	
Rel. Hum.	4979731	63365	76.64	349	834	10 F	12 F	14 F	16 F	18 F	20 F	22 F	24 F
Dry Bulb	1384117	33595	47.3	6.66	834	0.8							
Wet Bulb	1195382	31226	37.4	5.513	834	16.6							
Dew Point	259373	27768	33.3	6.468	834	39.5							

USAFETAC FORM 0-26-5 (OL A) 8-1-60 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
1
1
U.S. AIR FORCE
MEDICAL CLIMATOLOGY BRANCH
AFMTC
AIR WEATHER SERVICE/AFAL

PSYCHROMETRIC SUMMARY

STATION WOODRUFF FIELD, AFAL
STATION NAME

14-00-00-00

YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B. D. P. Wet. Bulb Temp. Dew Point			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31																		
12																																			
13																																			
14																																			
15																																			
16																																			
17																																			
18																																			
19																																			
20																																			
21																																			
22																																			
23																																			
24																																			
25																																			
26																																			
27																																			
28																																			
29																																			
30																																			
31																																			
TOTAL	4.4	4.1	4.4	4.6	7.1	7.4																													

Element (X)	Z _g	Z _x	Y	%	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	52884	64588	77.41	33	34	0 F	32 F	67 F	73 F	80 F	93 F
Dry Bulb	134444	73731	32.7	6.224	34		1.4				
Wet Bulb	116924	31055	37.	5.769	34		13.4				
Dew Point	944722	27526	33.	6.595	34		41.1				

USAFETAC FORM 0-76-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NATIONAL CLIMATOLOGY RESEARCH
DEPT. OF AGRICULTURE
WASHINGTON, D.C. 20250

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1001	1001-1005 RAF	19-25-7-0	

[illegible]

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEAR	MONTH
11	WOMANVILLE DAF JK	1975, 77-81	11

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS ACUM ARE OBSOLETE

USAFETAC

[illegible]

1. GENERAL CLIMATOLOGY SPANISH
 2. CLIMATE
 3. CLIMATE & SERVICE ZONE

PSYCHROMETRIC SUMMARY

STATION ADDONIDGE DAF MK STATION NAME

- 4-75, 77-87

YEARS

152
MONTH

DATE: 1-28-61
HOURS (L. S. T.): 10:00

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. CLIMATE BRANCH
ASSTAC
AT LEATHER SERVICE /MAC

PSYCHROMETRIC SUMMARY

STATION STATION NAME

14-15, 17-21

YEARS

15
MONTH

~~HOURS~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
57/ 31			.7	1.1	.3													12	17																
57/ 40			.1	1.3	.8													13	18																
47/ 47			.2	1.0	.6													17	17	.4															
42/ 46		.2	3.3	7.5	1.8													17	14	3.4	17														
47/ 43		.7	4.5	5.7	2.5													11	11	7	11														
47/ 41		.3	5.7	6.3	1.7													13	13	10.1	7.1														
47/ 39		.4	4.2	5.5	2.0	.1												43	67	85	67														
38/ 37		.6	3.7	6.5	.8													91	34	6.4	7.1														
47/ 35		.7	2.5	5.8	2.1	.3												13	17	70	60														
34/ 33			3.0	3.3	.8													25	25	12.6	7.1														
47/ 31		.1	1.7	.9	.7													72	32	61	67														
37/ 25			2.1	.4														23	27	4.3	6.0														
47/ 27		.4	1.7															16	16	24	11														
22/ 25			.1															1	1	11	5.1														
24/ 23			.1																	1	2.5														
22/ 21																					4.4														
27/ 19																					1.6														
16/ 17																					7														
16/ 15																					1														
TOTAL		5.2	35.2	46.9	13.6	.8												700	750		750														

PSYCHROMETRIC SUMMARY

1951
STATION

DOOBROISE RAF UK
STATION

74-75, 77-87

FEB
MONTH

YEARS

MONTH

PAGE

12-14
HOURS (L. S. T.)

Temp. (F)		WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.		TOTAL		
		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
50 / 50					.1														1	1						
54 / 53					.2														1	1						
58 / 51				1.9	2.2	.1													3	3						
62 / 49				2.5	1.3	.1													4	4						
66 / 47				4.1	2.2	1.1	.1												7	7						
70 / 45				7.4	3.9	.1													7	7						
74 / 43				3.4	4.5	2.5	.1												12	13						
78 / 41				2.1	3.3	4.4	.7												25	25						
82 / 39				3.3	4.2	3.0													26	26						
86 / 37				1.3	7.8	.9	.1												37	37						
90 / 35				2.2	3.4	.9	.1												31	31						
94 / 33				1.3	1.2	.7													24	24						
98 / 31				1.1	.7	.1													11	11						
102 / 29				1.5	.7														19	19						
106 / 27				.1															6	6						
110 / 25																										
114 / 23																										
118 / 21																										
122 / 19																										
126 / 17																										
130 / 15																										
134 / 13																										
TOTAL		1.7	23.9	46.4	23.9	3.2	.1	.1											758	758	758					

Element (X)	Σ x'	Σ x	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3971324	54166	71.5	11.514	758	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1373687	32737	42.2	5.483	758		4.7					64
Wet Bulb	1147677	29226	38.6	5.234	758		8.6					64
Dew Point	475819	25229	33.3	5.647	758		37.7					84

2

4

74-75-77-83

YEARS

MDNY

PAGE 1 ~~150-2740~~

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

74-75, 77-87

YEARS

MONTH

PAGE 5

1572-2
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
46/ 51			.7	.1														5	5							
47/ 51			.7															5	5							
47/ 49			.9	.9	.3													18	19	9						
46/ 47			.8	2.5	.5													29	29	12						
46/ 45	.3	6.1	5.6	2.4														116	116	42	16					
44/ 43	.4	4.2	3.6	3.4														88	88	59	37					
47/ 43	.1	6.1	6.1	1.3														103	103	37	61					
47/ 39		6.6	3.6	2.1														93	93	57	37					
39/ 37	.4	3.4	4.9	.8														72	72	111	73					
36/ 35		3.6	6.7	2.1														93	94	51	95					
44/ 33	.4	7.3	2.5	.9														64	64	120	69					
47/ 31		3.4	1.6	.5														42	42	74	57					
47/ 29		3.2	.8															20	21	56	68					
47/ 27		1.6																10	11	32	123					
46/ 25		.1																1	1	10	43					
46/ 23																				1	36					
47/ 21																					19					
47/ 19																					3					
48/ 17																					2					
47/ 15																										
TOTAL	1.543.24	7.6	14.6															759	759	759						

Element (X)	Σ X ²	Σ X	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4479538	57724	76.11	5.64	759	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	12178.1	33129	39.7	5.364	759		9.4					64
Wet Bulb	1050766	27952	36.8	5.309	759		18.7					34
Dew Point	837.52	24702	32.5	6.620	759		41.2					3

PSYCHROMETRIC SUMMARY

74-75-77-62

YEARS

— FEB
MONTH

PAGE: 2

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
1/ 53				.4														3	7					
2/ 51				.3														2	2					
3/ 49			.5	.5														8	8	4				
4-7/ 47	.3	1.3	.5	.7														24	24	11	1			
8/ 45	.3	6.2	5.0	1.1														112	112	34	13			
9-12/ 43	.4	2.9	8.2	2.1														46	86	63	53			
13-17/ 41	.5	5.8	5.9	2.7														106	126	73	51			
18-21/ 39		6.9	4.2	.9														91	91	86	46			
22-24/ 37	.3	3.5	4.0	.7														71	71	100	59			
25-27/ 35	.1	4.2	6.2	2.2														97	97	78	96			
28-30/ 33	.1	5.7	3.2	.5														69	69	118	59			
31-33/ 31		5.7	1.4	.4														67	57	88	54			
34-36/ 29	.1	3.1	.5															28	28	66	71			
37-39/ 27	.1	2.5																21	21	22	145			
40-42/ 25																				17	48			
43-45/ 23		.4																3	3		23			
46-48/ 21																				3	24			
49-51/ 19																					13			
52-54/ 17																					1			
55-57/ 15																					1			
TOTAL	0.448	36.91	.8															750		754	756			

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4611661	58573	77.21	6.61	750	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	1175237	29583	39.6	5.388	750		12.1					84
Wet Bulb	1922162	27502	36.3	5.298	750		21.4					84
Dew Point	620371	24855	32.2	6.541	750		43.0					84

<u> </u>	<u>ACCORDANCE RAF UK</u>
STATION	STATION NAME

74-75, 77-83

YEARS

55-
MONTH

PACS

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point						
57/ 57																		1								
57/ 55																		4								
56/ 53																		23	23							
52/ 51																		97	97							
49/ 49																		127	127							
47/ 47																		298	298							
47/ 45																		330	330							
46/ 43																		626	627							
42/ 41																		727	727							
39/ 39																		691	691							
37/ 37																		674	674							
35/ 35																		739	739							
34/ 33																		467	467							
33/ 31																		286	286							
29/ 29																		227	227							
27/ 27																		146	146							
26/ 25																		16	16							
24/ 23																		4	4							
22/ 21																		2	2							
21/ 19																		7	7							
17/ 17																										
15/ 15																										
13/ 13																										
12/ 11																										
TOTAL	2.3	38.4	41.3	41.3	1.1													5875		5875	5875					

Element (X)	Σx²	Σx	Σ	Σ²	No. Obs.	Mean No. of Hours with Temperature						Total
	Σx²	Σx	Σ	Σ²		≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 86 F	≥ 93 F	
Rel. Hum.	39229345	443315	75.5	11.369	5875							
Dry Bulb	9417495	232741	39.6	5.671	5875		75.7					672
Wet Bulb	8068076	215386	36.7	5.407	5875		148.1					672
Dew Point	6358954	189344	32.2	6.61	5875		348.1					672

GLOBAL CLIMATOLOGY BRANCH
CARTAGENA
ATMOSPHERIC SERVICE/PAC

PSYCHROMETRIC SUMMARY

15651 WOODBRIDGE RAF LK
STATION STATION NAME

4-33

YEARS

MA
MONTH

62157 HOOGST. 1. 5. 7.7

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
14/ 55																																					
14/ 53																																					
14/ 51																																					
14/ 49																																					
14/ 47																																					
14/ 45																																					
14/ 43																																					
14/ 41																																					
14/ 39																																					
14/ 37																																					
14/ 35																																					
14/ 33																																					
14/ 31																																					
14/ 29																																					
14/ 27																																					
14/ 25																																					
14/ 23																																					
14/ 21																																					
TOTAL	1	1	2	3	3	5	7	1																													

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATE POLICY RESEARCH
CENTRE
AIR QUALITY SERVICE/PAO

PSYCHROMETRIC SUMMARY

STATION ADONIS/DAF/CH STATION NAME

74-75, 76-3

YEARS

MONY

215

HOURS 11, 5, 7, 9

[illegible]

WOODBRIDGE RAF UNITED KINGDOM REVISED UNIFORM SUMMARY
OF SURFACE WEATHER. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 07 MAR 84
USAFETAC/DS-84/011 SBI-AD-E850 623 F/O 4/2

415

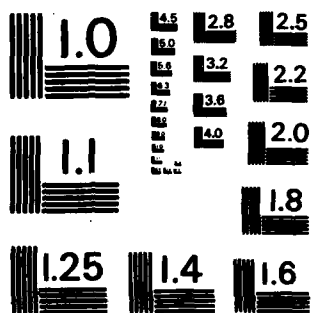
UNCLASSIFIED

USAFETAC/DS-04/011 S01-AD-E050 623

F/G 4/2

NL

[illegible]



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

PSYCHROMETRIC SUMMARY

YEARS

~~SECRET~~

PAGE 1 ~~1229-146~~
NOV 11 8 45

[illegible]

PSYCHROMETRIC SUMMARY

74-83

YEARS

MAR
MONTH

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

~~MAF~~
MAY 14

PAGE 1 ~~100-2000~~
~~Notes 10. 1. 1~~

Element (X)	Σx^2	Σx	Σ	Σx	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 6 F	≤ 20 F	≥ 67 F	≥ 75 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5180268	67500	78.880	768	903							
Wet Bulb	1758238	38864	43.8	4.834	903							9.3
Wet Bulb	1897825	38519	80.8	4.771	903		3.0					9.3
Dew Point	1206607	23878	76.1	8.008			17.0					9.3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

035951 WOODBRIDGE RAF UK

74-83

MAR

PAGE 1 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
56/ 55			.2	.1														3	3					
54/ 53		.1	.7	.2	.2													11	11					
52/ 51		1.6	2.4	.5	.1													40	40	9				
50/ 49	.1	1.2	1.6	.3	.1													30	37	23	6			
48/ 47	.1	2.0	2.9	.2	.1													48	48	40	18			
46/ 45	.3	6.2	8.7	2.3														155	155	55	33			
44/ 43		6.9	4.6	2.1														121	121	111	39			
42/ 41		9.2	7.3	2.3														166	166	115	111			
40/ 39		5.1	6.3	.9	.1													110	110	131	96			
38/ 37	1.1	4.9	3.8	.8														94	94	124	85			
36/ 35		3.1	4.2															64	64	120	105			
34/ 33	.1	1.7	1.1															26	26	86	88			
32/ 31		.8	.2															9	9	51	91			
30/ 29		.7	.1															7	7	9	67			
28/ 27		.1																1	1	6	97			
26/ 25																				1	23			
24/ 23																					19			
22/ 21																					2			
20/ 19																					3			
TOTAL	1.8	3.5	4.3	9.7	.7														885		885			
																		885		885				

Element (X)	2 H	2 H	2 H	2 H	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5419087	68705	77.6	9.825	885	< 60 F	< 50 F	< 40 F	< 30 F	< 20 F	< 10 F	
Dry Bulb	1590391	37263	42.1	4.937	885		1.8					93
Wet Bulb	1387495	34778	39.3	4.980	885		7.0					93
Dew Point	1103711	31383	35.8	5.906	885		31.7					93

FORM 0-26-5 (OL A) REPRODUCED BY THE AIR FORCE

PSYCHROMETRIC SUMMARY

74-83

YEARS

~~MAD~~
MONTH

PAGE 1

NOV 11 1964
NOV 11 (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE : 0000-0200
 NUMBER (1, 2, 3)

[illegible]

PSYCHROMETRIC SUMMARY

74-83

YEARS

APPENDIX

PAGE 1 ~~0100-0500~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point					
54/ 53			.3	.1														3	3						
52/ 51			2.3	.3	.1													10	10						
50/ 49		2.3	1.7	.4														27	27	11					
48/ 47		2.3	1.6	1.2														37	37	35	4				
46/ 45		6.2	1.8	.6														140	140	46	3				
44/ 43	.1	8.7	2.3	1.3														175	175	92	47				
42/ 41	.9	1.6	8.1	.3														157	157	147	91				
40/ 39	.4	5.9	2.4															69	69	168	105				
38/ 37	.6	3.2	2.3															48	48	120	111				
36/ 35		3.8	3.3															56	56	52	136				
34/ 33		2.4	2.3															37	37	66	80				
32/ 31		.5	.1															5	5	33	48				
30/ 29		1.5	.5															16	16	23	52				
28/ 27		.5																4	4	11	68				
26/ 25																					12				
24/ 23																					11				
22/ 21																					4				
TOTAL	2.0	47.3	6.7	3.9	.1													793	793	793	793				

PSYCHROMETRIC SUMMARY

74-83

YEARS

APR
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

74-83

YEARS

AP
MONTH

PAGE 1 ~~CONFIDENTIAL~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	=31	Dry Bulb	Wet Bulb	Dew Point					
66/ 65																		1	1						
64/ 63																		3	3						
62/ 61																		6	6						
60/ 59																		23	23						
58/ 57																		32	32						
56/ 55																		55	55						
54/ 53																		67	67	13					
52/ 51																		94	94	34					
50/ 49																		99	99	72					
48/ 47																		117	117	115					
46/ 45																		219	219	137					
44/ 43																		98	98	151					
42/ 41																		48	48	134					
40/ 39																		72	72	122					
38/ 37																		12	12	83					
36/ 35																		4	4	31					
34/ 33																				15					
32/ 31																									
30/ 29																									
28/ 27																									
26/ 25																									
24/ 23																									
TOTAL																		920	920	920					

Element (X)	ΣX^1	ΣX	Σ	σ_n	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	8176500	60382	67-111-013		900	= 0 F	= 32 F	= 67 F	= 72 F	= 80 F	= 92 F	Total
Dry Bulb	2125550	43090	88.3	5.127	900							
Wet Bulb	1716639	39103	81.8	8.033	900							
Dew Point	1290862	13762	37.5	5.420	900							

2

PSYCHROMETRIC SUMMARY

03951	WOODBIDGE RAF UK
STATION	STATION NAME

74-83

YEARS

APR
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA) REVISES PREVIOUS EDITIONS OF THIS FORM AND OBSOLETE

PSYCHROMETRIC SUMMARY

74-83

YEARS

ADJ
MONTH

DATE: ~~15-0-1970~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																
66/ 65						.1	.1											3	3																	
64/ 63						1.3	.1											17	17																	
62/ 61			.3		.9	.7	.4											7	21																	
60/ 59				.4	1.1	1.1	.7	.3										23	33																	
58/ 57				1.7	1.4	.9	.1	.4										38	34	3																
56/ 55			.3	.4	1.2	.7	.1											22	22																	
54/ 53		.2	1.3	3.4	3.4	.7												67	80	23	2															
52/ 51		.2	3.4	4.3	3.4	1.2	.7											120	124	37																
50/ 49		.3	3.4	3.7	2.3	1.2												93	93	95	7															
48/ 47		1.8	2.1	4.3	2.1	1.1												192	102	127	16															
46/ 45		1.8	9.7	6.7	3.7	.4												198	189	133	77															
44/ 43		1.1	2.1	4.2	.9	.1												75	75	115	75															
42/ 41		.9	1.8	.6	.7													32	32	149	112															
40/ 39		.8	.9	.1														16	16	162	118															
38/ 37		.6	.2															7	7	80	175															
36/ 35		.1																1	1	26	96															
34/ 33																				7	74															
32/ 31																					66															
30/ 29																					47															
28/ 27																					60															
26/ 25																					17															
24/ 23																					12															
22/ 21																					1															
18/ 17																					2															
16/ 15																					1															
TOTAL		7.8	24.9	32.2	22.2	2.9	6.2	1.6	.1									900	939	900	900															

Element (X)	Σx'	Σx	Σ	Σ ²	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1675532	56416	62	723	440	00	00	00	00	00	00	
Dry Bulb	2261658	88838	89	8	5.66	900						900
Wet Bulb	1769971	39637	88	0	4.627	900						900
Dew Point	1260025	3363	37	1	5.880	900						900

PSYCHROMETRIC SUMMARY

75-83

YEARS

AF
MONTH

PAGE

MOORE, J. S. 1971

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
47/ 53																		1																	
47/ 51																		3	3																
47/ 49																		12	12																
46/ 57				.1	.3	.4	.1											7	9																
46/ 55				.1	1.7	.7	.3	.2										27	27																
44/ 53		.1	.8	2.7	1.7	.1	.2											43	43																
42/ 51		1.3	2.8	3.7	1.4	.2												60	67	12															
42/ 49		.6	3.5	4.7	.9	.3												83	83	49															
42/ 47		2.2	5.7	3.2	.9	.2												112	113	78															
42/ 45		3.9	12.0	6.7	2.3	.1												219	219	124															
44/ 43		3.2	6.8	4.7	.8													139	139	137	66														
42/ 41	.1	3.3	4.4	2.3														92	97	164	109														
41/ 39		1.2	2.3	.9														46	47	141	115														
41/ 37	.1	1.3	1.6	.2														29	29	129	132														
40/ 35		.8	.3	.1														11	11	56	119														
34/ 33																				73	15														
32/ 31																				3	52														
32/ 29																					25														
32/ 27																					67														
28/ 25																					20														
24/ 23																																			
22/ 21																																			
TOTAL	.217	.746	.429	.7	9.4	1.8	.7	.1										900		900	900														

Element (X)	Σx'	Σx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	447500	62610	62.6	11.526	900	≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	1956114	41726	46.4	4.891	900							900
Wet Bulb	1637378	37838	42.1	4.295	900							900
Dew Point	1232760	32950	36.6	5.421	900		21.4					900

PSYCHROMETRIC SUMMARY

YEARS

DATE _____

PAGE 1 ~~CONFIDENTIAL~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point								
62/ 61		.4	.2	.1														6	6									
61/ 59		.6	.1	.4														9	9									
60/ 57		.7	.4	.5	.2													15	15	13								
56/ 55	.1	1.4	1.4	1.7	.1													40	40	2								
54/ 53	.1	2.9	4.6	2.6	.2													67	87	25								
52/ 51	.1	2.9	9.1	1.6	.1													115	115	45								
51/ 49	.1	5.3	8.3	2.3	.1													134	134	105								
42/ 47	.7	7.1	5.6	1.4	.1													125	125	172								
46/ 45	1.1	7.7	6.5	.8														159	159	157								
44/ 43	.7	1.9	1.6	.8														42	42	114								
42/ 41	.1	2.3	1.7															34	34	76								
41/ 39		1.1	1.7															23	23	37								
38/ 37	.1	1.8	.9	.1														24	24	29								
36/ 35	.1	1.1	.6															15	15	24								
34/ 33		.2	.1															3	3	21								
32/ 31		.4																3	3	4								
30/ 29																				1								
28/ 27																				1								
26/ 25																				3								
TOTAL	3.4	45.6	42.7	12.4	1.2													874	834	824								

Element (X)	Σ X ²	Σ X	Σ	Σ _n	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5432233	46831	80.1	0.606	834	≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 90 F	Total
Dry Bulb	1860879	43209	48.2	5.129	834		3					93
Wet Bulb	1737605	37889	45.8	8.891	834		8					84
Dew Point	1516506	15226	42.2	5.622	834		0					0

PSYCHROMETRIC SUMMARY

74-83

YEARS

PAGE 1 ~~00000000~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
67					.1													1	1					
65						.1	.1											2	2					
63			.1	.6	.4	.2												12	12					
61			.8	.7	.6	.6												23	23					
59		.6	.7	1.0	1.1	.1												31	31	3				
57		.4	1.2	2.6	1.1													48	48	19	1			
55	.3	1.9	2.9	5.9	.9													107	107	25	17			
53	.2	1.5	5.7	3.0	1.1													183	183	46	19			
51	.2	2.5	9.9	3.8	.6													152	152	96	28			
49	.2	1.6	7.8	2.3	.1													165	165	159	47			
47	.9	5.4	4.5	1.7	.1													112	112	192	84			
45	1.1	5.7	5.6	1.2	.1													123	123	146	202			
43	.1	.9	2.7	.4														31	31	79	136			
41	.1	.7	1.3	.2														21	21	58	146			
39		.6	.2															7	7	31	73			
37	.1	.4	.8															12	12	21	45			
35		.3	.1															4	4	8	43			
33		.1	.1															2	2	12	18			
31																				1	15			
29																					12			
27																					10			
TOTAL	3.322	443.723	1.6	2.1	1.0	.1												896	896	896	896			
																</								

PSYCHROMETRIC SUMMARY

74-83

YEARS

MAY
MONTH

PAGE 1 09-10-11-00
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAY
MONTH

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

—

PAGE 1 ~~1829-2003~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.S./W.S.	Dry Bulb	Wet Bulb	Dew Point				
71 / 69																			2						
66 / 67																			3						
61 / 65				.1	.2	.1				.1									12	17					
64 / 63		.3	.1	1.3	1.2	.6	.5												30	30					
62 / 61			1.7	1.2	1.0	.4	.4												46	46	5				
59 / 59		.2	.8	1.5	3.6	1.5	.6												76	76	10				
58 / 57		.6	1.1	4.5	2.2	1.2	.1												90	90	29				
56 / 55		.6	1.8	9.1	2.8	.3	.1												137	137	35				
54 / 53		1.1	2.6	4.8	3.4	.3	.1												112	112	58				
52 / 51	.5	1.1	5.7	3.9	2.6	.1													129	129	119				
50 / 49	.1	.8	2.9	2.2	.3														58	58	184				
48 / 47		3.7	3.2	3.5	.7														93	93	152				
46 / 45		3.7	4.1	1.8	.7														92	92	146				
44 / 43	.1		1.2	1.1															22	22	82				
42 / 41			.3	.1																					
40 / 39		.4																	4	4	59				
38 / 37	.3	.1																	4	4	19				
36 / 35		.2																	2	2	4				
34 / 33																									
32 / 31																									
30 / 29																									
28 / 27																									
TOTAL	1.1	12	125	135	219	3	5.2	1.2		.1									924	924	924				

Element (X)	Σ H'	Σ H	Σ	Σ _s	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4454133	63156	64	342	924	≤ 6 F	≤ 20 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2655215	49245	53	3	5.563	924						93
Wet Bulb	2160508	48872	48	1	8.663	924						93
Dew Point	1716222	39508	42	8	5.487	924						93

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 1 2123-2310
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

4-32

YEARS

MONTANA

24-2

HOURS 11. 5. 7.

FORM NO. 10-66 (REV. 1-66)
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

74-8

YEARS

1112

PAGE : ~~CONFIDENTIAL~~
NOV 11 1964

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
87/ 87										.1								2																		
86/ 86										.1	.1							2																		
84/ 83										.2	.1							3		3																
82/ 81																		1		1																
80/ 79						.1	.1	.1										8		2																
78/ 77								.3										3		3																
76/ 75					.2	.3	.3	.4										10		13																
74/ 73				.3	.1	1	.4											20		24																
72/ 71			.4	1.1	1.2		.1	.1										27		37	1															
70/ 69		.2	.2	1.6	1.7	.9	.1											42		43	7															
68/ 67		.1	.4	2.3	1.0	.2												37		37	14															
66/ 65	.1	.2	2.1	2.5	1.1	.3												61		61	15															
64/ 63	1.1	1.2	8.1	4.2	4.3	.7												176		176	15															
62/ 61	.6	2.5	4.1	5.2	1.7	.1												127		127	26															
60/ 59	.6	3.6	5.7	4.1	1.4	.2												140		140	47															
58/ 57	1.5	2.2	4.9	2.6	.6													101		101	36															
56/ 55	1.6	2.5	3.8	2.6														73		73	101															
54/ 53		.8	1.2	.4														22		22	99															
52/ 51	.3	1.2	.1															15		15	101															
50/ 49		.3	.1															4		4	96															
48/ 47		.2																2		2	85															
46/ 45	.1																	1		1	147															
44/ 43																					70															
42/ 41																					64															
40/ 39																					1															
38/ 37	.1																	1		1	15															
TOTAL	.1	5.2	15.1	32.1	26.5	14.5	4.6	1.2	.4	.2								807		807	897															

Element (X)	ΣX'	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3088728	58962	65.731	.231	897	≥ 0 F	≥ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	3466385	55535	61.9	5.959	897			15.5	4.0	1.4		90
Wet Bulb	2767844	42640	55.3	4.314	897			2.2				90
Dew Point	2268568	44762	40.9	5.475	897							

2

YEARS

_____ MONTH

13-2-20-1
13-2-20-1

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2.

4

SECRET

NOTES

ALL
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (O-L-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS



PAGE 1 ~~3030-5239~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
74/ 73																		1	1							
72/ 71					1													4	4							
70/ 69				1	1													3	3							
68/ 67				1	2													8	8							
66/ 65			1	1	1													39	39	5						
64/ 63	2	2	5	5	4	1												110	110	71	8					
62/ 61	2	3	7	4	5	3	6	7										103	103	55	21					
60/ 59	6	5	8	6	9	2	8	2										153	153	97	53					
58/ 57	5	4	5	6	2	3	6	5										128	128	139	85					
56/ 55	6	4	6	5	9	4	1	1										130	130	125	119					
54/ 53	1	3	7	4	5	1	5											78	78	121	125					
52/ 51	2	3	3	3		2												57	57	115	106					
50/ 49	2	8	7	5														19	19	97	113					
48/ 47		8	2	1														10	10	35	74					
46/ 45		2																2	2	11	97					
44/ 43																				4	25					
42/ 41																					3					
40/ 39																					7					
38/ 37																					4					
TOTAL	2	729	645	722	6	4	7	8										345	245	845	845					

Element (X)	ΣX ¹	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5515768	67812	83.3	9.350	885	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	2883353	49221	58.2	8.387	885			1.8	1			9.2
Wet Bulb	2554549	46323	58.8	8.232	885							9.3
Dew Point	2311675	44007	52.1	8.888	885							9.5

PSYCHROMETRIC SUMMARY

74-82

YEARS

SECRET

PAGE 1 300-05.1
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
71/ 69																		71	69																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 ~~SECRET~~

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE : 2977-112
HOURS (L. S. T.)

[illegible]

2

YEARS

4-27

DATE: 10-2-23
HOURS (L. S. T.): 11-12

[illegible]

0.26-5 (OL A)

USAFETYAC

2

1

74-23

YEARS

1000

PAGE 1 41
HOURS (L. S. T.)

[illegible]

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

74-82

YEARS

AUG
MONTH

PAGE

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
74 / 75						.1												2	2															
74 / 73						.1												2	2															
72 / 73			.1	.2	.4													7	7															
71 / 69			.4	.2	.3													6	9															
67 / 67			.8	.6	.2													13	13	1														
67 / 65	1.1	2.2	2.3			.1												21	31	12	1													
64 / 63	3.0	4.2	5.3		.3													125	125	26	9													
61 / 61	3.7	9.1	5.6	1.1	.2													172	172	63	32													
59 / 59	.3	4.1	6.4	4.2	1.6													153	153	107	50													
57 / 57	.4	4.1	6.4	3.8	.7													138	139	195	75													
56 / 55	.5	3.6	4.8	2.2	.7													104	104	132	150													
47 / 53	.1	1.3	4.9	1.6	.1													73	73	133	170													
42 / 51		.9	3.1	.6														43	43	112	150													
41 / 49		.3	.6	.4														13	13	72	93													
40 / 47		.2	.2	.2														6	6	43	9													
46 / 45		.3	.1															4	4	19	8													
44 / 43		.1	.1															2	2	7	24													
43 / 41			.2															2	2	1	19													
41 / 36																				1	13													
38 / 37																					1													
36 / 35																					1													
32 / 31																					1													
TOTAL	1.422	0.43	3.27	.8	4.5	1.0												924	924	524	924													

Element (X)	ΣX^1	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5731302	72317	78.5	8.801	924	≤ 0 F	≥ 32 F	≥ 47 F	≥ 73 F	≥ 86 F	≥ 93 F	Total
Dry Bulb	3241998	54564	59.1	4.642	924			3.4	.5			924
Wet Bulb	2840812	51768	55.8	4.461	924			.1				924
Dew Point	2540779	48221	52.2	5.127	924							924

PSYCHROMETRIC SUMMARY

74-63

YEARS



PAGE 3 ~~SECRET~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
74/ 73																									
73/ 71																									
72/ 69				.1	.5																				
71/ 67				.2																					
70/ 65			1.2	.4	.7																				
69/ 63			4.3	2.7	5.5	.2																			
68/ 61			3.7	8.5	2.2	.7																			
67/ 59		.1	3.6	6.7	2.8	1.2																			
66/ 57		.1	5.2	6.4	3.7																				
65/ 55		1.2	4.7	5.4	3.1																				
64/ 53		.2	3.7	4.9	1.3																				
63/ 51		.2	3.3	3.8	.4																				
62/ 49			1.9	3.7	.4																				
61/ 47			.6	.2	.4																				
60/ 45			.7	.4	.1																				
59/ 43			.3	.2																					
58/ 41			.1																						
57/ 39																									
56/ 37																									
55/ 35																									
54/ 33																									
53/ 31																									
TOTAL	1.62	2.54	6.52	1.6	2.3	.1																			
																		924	924	924	924				

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	59968.43	74.41	87.1	8.321	624	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	3078772	53168	57.5	4.642	924			1.2	.1			93
Wet Bulb	2730822	50056	54.2	4.553	924							93
Dew Point	24648.17	47488	51.4	5.168	924							93

2

1

YEARS

ALL
MONTH

PAGE 1 CS 27-28
WOLFE 11-5-71

USAFETAC
FORM
NR 44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

AUG
MONTH

[illegible]

USAFETAC
FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

PSYCHROMETRIC SUMMARY

74-83

YEARS



PAGE 1 ~~1650-177~~

[illegible]

2

PSYCHROMETRIC SUMMARY

AUG
MONTH

PAGE 1 1850-2206
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

ALL
HOURS (L. S. T.)

[illegible]

2

2

'3-5

YEARS

5
MONTH

PAGE 2 20-25
HOURS (L. S. T.)

USAFETAC
FORM
RA 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
AFSTAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

STATION NAME
WOODBRIDGE RAE HK

73-67

YEARS

MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL Dry Bulb Wet Bulb Dew Point	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31																	
7/ 69																																		
6/ 67																																		
6/ 65																																		
6/ 63																																		
7/ 61																																		
7/ 59																																		
6/ 57																																		
6/ 55																																		
6/ 53																																		
6/ 51																																		
7/ 49																																		
6/ 47																																		
6/ 45																																		
6/ 43																																		
7/ 41																																		
6/ 39																																		
6/ 37																																		
6/ 35																																		
TOTAL																																		

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	3484540	60797	77.6	8.527	600	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F
Dry Bulb	2844012	53376	56.7	5.175	900						
Wet Bulb	2479357	4725	52.3	4.281	900						
Dew Point	2135285	4451	48.9	5.698	600						

USAFETAC FORM 0-26.5 (OL A) REVISÉ PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

1751	WOODS ICE RAF IK
STATION	STATION NAME

72-62

YEARS

MONTH

DATE 2000-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

7-3-62

YEARS

221
MONTH

PAGE

HOURS (L. S. T.)

JSAFETAC
FORM
AA 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

~~Hours 7.5, 8.5, 9.5~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
44/ 63			.1	.9																													9	9	
62/ 61			.4	1.6																													19	19	2
1 / 59			.6	1.3	.6	.1																											40	30	17
52/ 57	.1	2.3	2.4	.4	.1																												49	43	23
51/ 55	.8	4.8	3.7	1.3	.7																												101	101	43
54/ 53	1.3	3.2	2.7	1.5	.1																												82	82	45
10/ 51	.5	3.7	4.5	1.1																													85	85	87
51/ 49	.5	3.4	4.9	1.1	.1																												84	84	84
40/ 47	.7	6.7	4.9	1.4	.4																												128	128	174
46/ 45	.3	7.7	8.2	1.3																													156	156	174
10/ 43	.9	4.1	1.2																														76	76	99
42/ 41	.1	1.8	2.7																														44	44	112
4 / 39		1.7	.6																														72	27	62
52/ 37	.1	.6	1.2																														16	18	41
1 / 35		1.1	.5																														15	15	14
34/ 33		.2																															2	2	28
10/ 31																																			4
51/ 29																																			
102/ 27																																			
101/ 25																																			
TOTAL	4.14	1.14	4.7	9.9	1.2																												934	931	933

Element (X)	ΣX ²	ΣX	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6126404	74088	87.6	9.282	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	2294331	45873	49.3	5.833	930							93
Wet Bulb	2084475	43261	46.5	5.878	930							93
Dew Point	1806837	40880	43.5	6.380	930							

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 ~~CONFIDENTIAL~~

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTA

1-14
MAY 11 5 11

[illegible]

YEARS _____ MONTH _____

3 4 5

HOURS _____

STATION WJOL-TV STATION NAME WJOL-TV

[illegible]

PAGE 9-0-11
MOUSE (1, 5, 7)

STATION	ADDRESSEE RAF UK
STATION NAME	

१२-५-२०

YEARS

10

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
61																									
59																									
57																									
55																									
53																									
51																									
49																									
47																									
45																									
43																									
41																									
39																									
37																									
35																									
33																									
31																									
29																									
27																									
25																									
23																									
21																									
19																									
17																									
TOTAL	4.23	9.47	316.2	1.5														210	810	2.1					

Element (X)	Σx'	Σx	Σ	Σ _n	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	496.65	62767	77.5	10.238	210	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1759556	37427	46.2	6.175	210		1.1					9.2
Wet Bulb	1536673	34037	43.1	6.326	210		3.7					9.2
Dew Point	1304334	31888	39.0	7.780	210		16.7					9.2

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USFSTAC
AID WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1251	ACCORDIDGE RAF UK
STATION	STATION NAME

- 8 -

YEARS

NOV
MONTH

PAGE : 16-17
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
61			.4	.1	.3													0	0						
59				.2	.1													12	12						
57	.1		1.7	.9	.1													27	27	3	4				
55	.1	1.6	3.2	2.3	.1													47	47	14	7				
53	1.	2.5	4.1	2.3	.1													77	77	40	24				
51		1.9	4.8	.9	.2													83	83	42	23				
49	.2	2.7	4.7	1.4	.4													86	86	48	31				
47	.2	3.2	3.6	1.9	.7													77	77	52	39				
45	1.2	4.3	3.3	3.8	1.1													104	104	74	100				
43	.2	3.3	5.4	3.6	.1													105	105	73	73				
41	.2	2.3	4.2	1.1	.2													75	77	98	74				
39		1.4	2.3	1.3														28	38	69	52				
37	.5	.7	1.	.5														25	49	73	57				
35		.5	1.2	.6														17	17	35	17				
33		.2	.1															8	9	12	50				
31		.2																2	2	14	56				
29																				8	57				
27																					41				
25																					11				
23																					0				
21																					0				
19																					4				
17																					1				
TOTAL	3.825	6.846	22.07	3.5														610	610	610	911				

PSYCHROMETRIC SUMMARY

73-52

YEARS

MONTANA

PAGE 1 ~~15-2-22~~
HOURS T.C. 95

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
100/ 61																		2	2																
99/ 59			.1	.7	.1													2	2																
97/ 57			.5	.7	.6													15	15	3															
95/ 55			2.2	2.5	1.4													40	40	12	6														
93/ 53		1.1	1.9	3.2	.7	.1												57	57	34	2														
91/ 51		.4	2.3	4.6	.1	.1												61	61	64	22														
89/ 49		.4	1.6	4.1	.1													50	50	51	38														
87/ 47			.5	2.3	3.1	1.4	.2											80	80	78	45														
85/ 45		1.	5.3	5.1	2.2	.1												109	109	71	94														
83/ 43		.6	1.7	5.3	3.2													93	93	73	70														
81/ 41		.5	5.8	4.7	1.7													103	103	74	71														
79/ 39			4.2	3.1	1.5	.2												73	73	84	45														
77/ 37		.2	2.6	2.1	.3													45	45	102	50														
75/ 35			2.2	1.2	.2													26	26	62	71														
73/ 33			1.5	1.7	.5													50	50	51	77														
71/ 31			.6	.1														6	6	24	51														
69/ 29			.1															1	1	13	57														
67/ 27																				5	43														
65/ 25																					19														
63/ 23																					1														
61/ 21																					3														
59/ 19																					5														
57/ 17																					4														
TOTAL		4.4	37.7	42.2	14.8	.9																													
																		810		810															

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	511355	63736	78.7	1.28	810	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	1698802	36739	45.8	6.376	810		.8					93
Wet Bulb	1495711	34809	42.5	6.884	810		8.7					93
Dew Point	1277948	31536	38.9	7.873	810		20.6					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
70001	ROODERIDGE PAF UK

- 3 -

YEARS

~~NO~~
MONTH

PAGE 2 21-22
HOURS 11, 5, 7, 1

[illegible]

~~73-74-26-27~~

YEARS

NO. 100

[illegible]

PSYCHROMETRIC SUMMARY

73-79, 76-62

YEARS

MONTH

• **A**

— 1 —

[illegible]

2

JOINT CLIMATELOGY BRANCH
AFSC/AFAC
AFSC/AFAC/AFAC/AFAC

PSYCHROMETRIC SUMMARY

STATION: AFSC/AFAC/AFAC/AFAC STATION NAME: 17-74-74-00 YEARS: MONTH: PAGE: 1

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
17																																					
16																																					
15																																					
14																																					
13																																					
12																																					
11																																					
10																																					
9																																					
8																																					
7																																					
6																																					
5																																					
4																																					
3																																					
2																																					
1																																					
0																																					
TOTAL																																					

Element (X)	ΣX^2	ΣX	\bar{X}	s^2	No. Obs	Mean No. of Hours with Temperature						Total
Rel. Hum.	8225697	63528	77	12.466	825	10 F	12 F	14 F	16 F	18 F	20 F	
Dry Bulb	1611315	34547	42.4	6.171	825		5.0					
Wet Bulb	1316829	32542	39.5	6.149	825		13.0					
Dew Point	1084360	29268	35.5	7.075	825		31.0					

USAFETAC FORM 0-26.5 (OL A) 1-64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
/ 87			.1															6	5																	
/ 85			.1	.1	.5													7	3	1																
/ 82			1.1	1.1														17	17	5																
/ 80			1.1	1.6	.2													25	24	13	1															
/ 79			.2	2.7	.2													28	28	25	1															
/ 77			.1	1.9	4.7													35	35	34	1															
/ 75			1.7	5.1	4.7	1.2												111	101	102	69															
/ 73			.4	1.5	7.4	1.1												4	34	73																
/ 71			.2	3.6	3.1	1.9												39	39	45	7															
/ 70			.2	4.4	5.7													6	35	102	25															
/ 67			.1	3.5	3.2	.1												21	21	26	13															
/ 65				4.2	3.4	.8												23	23	28	75															
/ 63			.1	2.0	3.8													40	48	43	50															
/ 61				3.2	1.3													27	37	41	39															
/ 59				1.8	.5													17	17	45	67															
/ 57			.1	1.0	.0													16	13	13	66															
/ 55				.6														6	5	7	35															
/ 53				.1														1	1	7	25															
/ 51				.1														1	1	1	10															
/ 49																				1	7															
/ 47																					3															
/ 45																					7															
TOTAL			4.4	42.5	41.1	7.2														24	224	224														

Element (X)	ΣX'	ΣX	X	σ _x	No.	Mean No. of Hours with Temperature						
Rel. Hum.	144459	64597	78.4	9.87	574	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	143934	3424	41.3	6.46	574		0					43
Wet Bulb	1265211	2155	39.7	6.4	574		16.4					43
Dew Point	1052451	23787	34.9	7.537	574		36.2					43

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 2

[illegible]0-26-5 (QLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

11. E

PSYCHROMETRIC SUMMARY

YEARS

ALL
MONTH

7A;

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
47 21	.	.																40	42	17.3	26.7				
47 21	.	.																40	42	17.3	26.7				
47 19	.	.																40	42	17.3	26.7				
47 17	.	.																40	42	17.3	26.7				
47 15	.	.																40	42	17.3	26.7				
47 13	.	.																40	42	17.3	26.7				
47 11	.	.																40	42	17.3	26.7				
47 9	.	.																40	42	17.3	26.7				
TOTAL	5.0	20.0	23.5	21.9	4.8	0.0	4.4	0.1	.	.	.	.	.	.	.	.	.	223.9	223.9	223.9	223.9

Element (X)	Z ₁	Z ₂	X	° ₂	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	459828446	6066346	73.6	12.585	82369	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	222188773	4189739	57.9	10.496	82369		264.4	519.7	147.7	19.8		876.2
Wet Bulb	186324398	3845783	46.7	9.793	82368		517.3	33.6				876.2
Dew Point	155172569	3487569	42.3	9.545	82368		1587.9	.1				876.2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

35951 WOODBRIDGE RAF UK

73-83

STATION		STATION NAME												YEARS											
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
00-02	MEAN	39.8	38.5	41.1	42.8	48.2	54.6	58.2	59.1	56.1	50.2	44.3	41.3	48.3											
	S D	6.599	5.527	4.941	4.743	5.129	4.737	4.387	4.642	5.143	5.750	6.631	6.666	9.365											
	TOTAL OBS	769	705	746	792	834	812	845	924	920	930	800	768	9825											
03-05	MEAN	39.3	37.7	40.1	41.8	47.1	53.4	56.8	57.5	54.6	49.3	43.6	40.9	47.4											
	S D	6.623	5.642	4.892	4.715	5.000	4.689	4.214	4.642	5.280	5.833	6.718	6.673	8.816											
	TOTAL OBS	741	674	723	793	834	811	852	924	920	930	794	735	9711											
06-08	MEAN	39.1	37.6	40.7	43.7	50.9	57.2	60.6	60.1	56.0	49.6	43.6	40.5	48.9											
	S D	6.767	5.497	4.842	4.695	5.252	4.838	4.576	4.645	5.175	5.987	6.799	6.804	9.813											
	TOTAL OBS	773	703	818	866	896	872	904	928	920	929	821	763	10153											
09-11	MEAN	40.3	40.0	44.4	48.3	55.4	61.9	65.5	66.0	61.7	53.8	46.2	41.4	52.5											
	S D	6.426	5.379	4.650	5.127	5.869	5.959	5.448	5.076	4.681	5.277	6.175	6.366	10.967											
	TOTAL OBS	834	759	902	920	924	897	930	930	920	930	810	825	10541											
12-14	MEAN	42.3	42.2	46.8	50.5	57.2	64.0	67.7	68.6	64.5	56.0	48.5	43.2	54.8											
	S D	6.347	5.483	5.134	5.570	6.304	6.671	6.059	5.460	4.989	4.914	5.651	6.010	11.151											
	TOTAL OBS	834	758	901	898	924	898	930	930	920	930	812	825	10540											
15-17	MEAN	41.7	41.7	46.5	49.8	56.7	63.8	67.5	67.9	63.8	54.9	47.3	42.4	54.1											
	S D	5.956	5.390	5.243	5.564	6.091	6.311	5.916	5.017	4.893	4.889	5.943	6.171	11.198											
	TOTAL OBS	834	759	901	920	924	898	929	930	900	930	810	825	10540											
18-20	MEAN	40.3	39.7	43.8	46.4	53.3	60.4	64.2	64.1	59.9	51.9	45.4	41.3	51.3											
	S D	6.086	5.364	4.976	4.891	5.561	5.514	5.151	4.331	4.766	5.309	6.376	6.466	10.432											
	TOTAL OBS	834	759	923	920	924	898	929	930	900	930	810	824	10541											
21-23	MEAN	39.7	39.0	42.1	43.8	49.9	56.3	60.1	60.5	57.2	50.6	44.4	40.8	49.1											
	S D	6.224	5.388	4.937	4.696	5.121	4.722	4.398	4.249	4.850	5.615	6.567	6.715	9.423											
	TOTAL OBS	834	759	885	895	927	899	930	930	900	930	809	820	10518											
ALL HOURS	MEAN	40.3	39.6	43.4	46.0	52.5	59.1	62.7	63.0	59.2	52.0	45.4	41.5	50.9											
	S D	6.423	5.671	5.578	5.906	6.638	6.711	6.402	6.205	6.125	5.959	6.582	6.532	10.496											
	TOTAL OBS	6453	5876	6779	6944	7187	6985	7249	7426	7200	7439	6446	6385	82369											

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

73051 WOODBRIDGE RAF UK

73-83

STATION	STATION NAME	YEARS
HRS	ST	
		JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL
00-02	MEAN	37.0 35.9 38.6 40.1 45.4 51.7 54.8 55.3 52.4 47.3 41.6 38.7 45.4
	S D	6.197 5.340 4.941 4.545 4.891 4.531 4.232 4.461 5.007 5.760 6.728 6.516 8.694
	TOTAL OBS	769 705 746 792 834 812 845 924 900 930 800 768 9825
03-05	MEAN	36.6 35.1 37.8 39.3 44.6 51.8 53.8 54.2 51.2 46.5 41.1 38.4 44.7
	S D	6.236 5.369 4.933 4.544 4.974 4.514 4.375 4.553 5.108 5.878 6.748 6.587 8.560
	TOTAL OBS	741 674 723 793 834 811 852 924 900 930 794 735 9711
06-08	MEAN	36.4 35.1 38.3 40.6 47.2 53.2 56.1 55.9 52.3 46.8 41.1 39.1 45.6
	S D	6.364 5.281 4.930 4.392 4.634 4.303 4.238 4.218 4.981 5.976 6.807 6.597 9.102
	TOTAL OBS	773 702 818 866 896 872 904 928 900 929 801 763 10152
09-11	MEAN	37.5 37.1 41.0 43.4 49.5 55.3 58.2 58.6 55.5 49.6 43.1 38.8 47.7
	S D	5.993 5.174 4.579 4.433 4.785 4.814 4.385 4.042 4.303 5.202 6.326 6.313 9.264
	TOTAL OBS	834 759 902 900 924 897 931 930 900 930 810 825 10541
12-14	MEAN	38.9 38.6 42.5 44.6 50.3 56.3 59.1 59.5 56.4 50.7 44.7 40.1 48.8
	S D	5.559 5.234 4.692 4.693 5.004 4.963 4.576 4.108 4.332 4.855 5.878 5.943 9.054
	TOTAL OBS	834 758 901 898 924 898 930 930 900 930 812 825 10540
15-17	MEAN	38.4 38.1 42.2 44.0 50.0 56.3 59.2 59.2 56.2 50.0 43.9 39.5 48.4
	S D	5.525 5.197 4.734 4.627 4.884 4.713 4.421 3.846 4.378 4.897 6.078 6.149 9.181
	TOTAL OBS	834 759 901 900 924 898 929 930 900 930 810 825 10540
18-20	MEAN	37.4 36.8 40.4 42.0 48.1 54.7 57.8 57.7 54.5 48.3 42.5 38.7 46.9
	S D	5.613 5.309 4.771 4.295 4.663 4.411 4.184 3.725 4.553 5.369 6.484 6.402 9.116
	TOTAL OBS	834 759 903 900 924 898 929 930 900 930 810 824 10541
21-23	MEAN	37.0 36.3 39.3 40.5 46.3 52.6 55.8 56.0 53.0 47.4 41.7 38.3 45.7
	S D	5.760 5.298 4.880 4.429 4.684 4.204 4.064 4.068 4.787 5.626 6.628 6.549 8.783
	TOTAL OBS	834 759 885 895 927 899 931 930 900 930 809 820 10518
ALL HOURS	MEAN	37.4 36.7 40.1 41.9 47.7 53.9 56.9 57.0 53.9 48.3 42.5 38.8 46.7
	S D	5.957 5.477 5.079 4.861 5.208 4.954 4.678 4.524 5.042 5.656 6.581 6.419 9.093
	TOTAL OBS	6453 5875 6779 6948 7187 6985 7249 7426 7200 7439 6416 6385 82368

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

75951 WOODBRIDGE RAF UK

73-83

STATION	STATION NAME	YEARS												
HRS	EST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	32.6	31.7	35.1	36.5	42.2	49.3	52.1	52.2	49.2	44.2	38.3	35.0	42.0
	S D	7.066	6.528	5.928	5.219	5.673	5.066	4.885	5.127	5.803	6.697	8.788	7.661	9.561
	TOTAL OBS	769	735	746	792	834	812	845	924	900	930	800	768	9825
03-05	MEAN	32.4	31.9	34.5	36.0	41.7	48.6	51.3	51.4	48.2	43.5	37.8	34.7	41.5
	S D	7.139	6.521	5.997	5.279	5.686	5.053	5.056	5.164	5.765	6.889	7.955	7.776	9.488
	TOTAL OBS	741	674	723	793	834	811	852	924	900	930	794	735	9711
06-08	MEAN	32.4	31.0	34.8	36.8	43.3	49.8	52.6	52.5	48.9	43.7	38.0	34.6	42.1
	S D	7.199	6.453	6.033	5.223	5.402	4.951	4.993	4.817	5.698	6.946	7.988	7.794	9.755
	TOTAL OBS	773	702	818	866	896	872	904	928	900	929	801	763	10152
09-11	MEAN	33.5	32.7	36.7	37.5	43.6	49.9	52.6	52.9	50.1	45.4	39.4	35.1	42.8
	S D	6.798	6.520	5.913	5.624	5.848	5.675	5.473	5.177	5.637	6.452	7.780	7.455	9.523
	TOTAL OBS	834	759	902	900	924	897	930	930	900	930	810	825	10541
12-14	MEAN	34.4	33.3	37.1	37.5	43.5	50.0	52.6	52.6	49.7	45.4	40.2	35.9	43.0
	S D	6.465	6.647	6.167	6.175	6.286	5.815	5.624	5.363	6.150	6.518	7.655	7.263	9.374
	TOTAL OBS	834	758	901	898	924	898	930	930	900	930	812	825	10540
15-17	MEAN	33.9	33.1	36.7	37.1	43.4	50.1	52.9	52.5	49.8	45.2	39.8	35.5	42.8
	S D	6.463	6.645	6.128	5.990	6.027	5.504	5.449	5.226	6.250	6.504	7.691	7.475	9.492
	TOTAL OBS	834	759	901	900	924	898	929	930	900	930	810	825	10540
18-20	MEAN	33.3	32.5	36.1	36.6	42.8	49.9	52.8	52.7	49.8	44.6	38.9	34.9	42.4
	S D	6.468	6.620	5.909	5.421	5.697	5.167	5.153	4.976	5.899	6.504	7.873	7.537	9.572
	TOTAL OBS	834	759	903	900	924	898	929	930	900	930	810	824	10541
21-23	MEAN	33.0	32.2	35.5	36.2	42.3	49.3	52.4	52.4	49.3	44.2	38.3	34.7	42.0
	S D	6.595	6.541	5.906	5.271	5.507	4.810	4.852	4.991	5.807	6.643	7.904	7.573	9.508
	TOTAL OBS	834	759	885	895	927	899	930	930	900	930	809	820	10518
ALL HOURS	MEAN	33.3	32.2	35.9	36.8	42.9	49.6	52.4	52.4	49.4	44.5	38.8	35.1	42.3
	S D	6.794	6.610	6.062	5.561	5.808	5.290	5.208	5.123	5.904	6.679	7.908	7.569	9.545
	TOTAL OBS	6453	5875	6779	6948	7187	6985	7249	7426	7200	7439	6486	6385	82368

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

135951 000BRIDGE RAF UK

74-75,77-83

JAN

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	99.1	94.4	73.7	37.2	7.8	76.9	769
	03-05	100.0	100.0	100.0	100.0	99.3	94.5	73.8	35.6	8.1	76.9	741
	06-08	100.0	100.0	100.0	100.0	99.6	95.6	74.3	38.7	10.2	77.5	773
	09-11	100.0	100.0	100.0	100.0	99.5	94.1	72.4	37.3	17.7	77.1	834
	12-14	100.0	100.0	100.0	100.0	98.9	86.7	61.6	29.0	7.8	74.1	834
	15-17	100.0	100.0	100.0	100.0	99.7	87.9	62.1	31.4	6.8	74.5	834
	18-20	100.0	100.0	100.0	100.0	99.4	93.6	66.7	37.2	8.6	76.6	834
	21-23	100.0	100.0	100.0	100.0	99.4	94.5	71.2	39.0	10.0	77.4	834
TOTALS		100.0	100.0	100.0	100.0	99.3	92.7	69.4	35.7	8.8	76.4	6453

USAFETAC

FORM
1 JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

RELATIVE HUMIDITY

075951 WOODBRIDGE RAF UK

74-75,77-83

FE

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	01-02	100.0	100.0	100.0	100.0	99.0	91.6	69.1	41.4	11.8	77.1	775
	03-05	100.0	100.0	100.0	100.0	99.3	91.9	69.1	39.9	14.1	77.1	674
	06-08	100.0	100.0	100.0	100.0	99.9	92.9	67.9	39.9	15.7	77.5	702
	09-11	100.0	100.0	100.0	100.0	99.3	91.4	63.5	35.3	11.2	75.6	759
	12-14	100.0	100.0	100.0	99.6	96.7	82.7	49.7	23.5	5.7	71.5	758
	15-17	100.0	100.0	100.0	100.0	96.8	83.4	52.8	25.7	5.8	70.2	759
	18-20	100.0	100.0	100.0	100.0	99.1	90.8	66.0	37.0	11.2	76.1	759
	21-23	100.0	100.0	100.0	100.0	99.1	91.2	70.4	41.1	12.6	77.2	759
TOTALS		100.0	100.0	100.0	100.0	98.5	89.4	63.6	35.4	11.1	75.5	5875

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AMC

RELATIVE HUMIDITY

1951 WOODBRIDGE PAF UK

74-43

482

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS ULST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	0-23	100.0	100.0	100.0	100.0	100.0	96.2	79.2	57.0	37.5	79.4	745
	3-25	100.0	100.0	100.0	100.0	99.6	97.4	87.2	53.1	15.2	61.5	723
	10-28	100.0	100.0	100.0	100.0	100.0	95.6	80.1	51.0	13.2	79.8	819
	19-11	100.0	100.0	100.0	100.0	99.1	85.9	63.7	34.9	9.2	74.8	972
	12-14	100.0	100.0	100.0	99.9	92.5	73.0	49.3	24.9	5.4	69.9	971
	15-17	100.0	100.0	100.0	99.1	91.6	75.6	47.8	21.2	4.6	69.6	901
	18-20	100.0	100.0	100.0	99.9	98.7	89.0	63.9	31.0	7.2	74.8	972
	21-23	100.0	100.0	100.0	100.0	99.7	94.2	74.1	43.1	15.4	77.6	885
TOTALS		100.0	100.0	100.0	99.9	97.5	98.4	67.3	38.7	9.9	75.8	6779

USAFETAC

FOR
JUL

0-87-5 (OL A)

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

441

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10	20	30	40	50	60	70	80			90
APR	1-32	100.0	100.0	100.0	100.0	100.0	98.2	77.7	40.7	9.0	74.0	72
	3-26	100.0	100.0	100.0	100.0	100.0	99.4	80.7	46.7	10.1	70.0	74
	5-26	100.0	100.0	100.0	100.0	99.6	94.2	72.5	39.0	6.9	77.0	66
	7-11	100.0	100.0	100.0	99.3	91.0	77.4	57.4	37.1	6.8	67.1	97
	9-14	100.0	100.0	99.9	95.7	87.5	73.7	57.5	37.4	6.7	60.1	98
	11-17	100.0	100.0	99.8	96.7	87.7	75.6	57.7	36.9	6.8	62.7	93
	13-22	100.0	100.0	99.9	99.7	94.3	77.3	49.1	16.3	7.1	68.3	97
	15-23	100.0	100.0	100.0	100.0	99.9	92.5	67.4	31.1	7.0	76.7	89
TOTALS		100.0	100.0	100.0	98.9	93.5	80.2	55.5	25.8	5.5	71.5	494

USAFETAC

FORM
112-A-4

0-87-5 (OL A)

RELATIVE HUMIDITY

4. - 7

STATION NAME _____

PERIOD

6-2-8

MONTH	HOURS ELST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20	30	40	50%	60	70	80%	90		
MAY	5-10	100.0	100.0	100.0	100.0	100.0	98.1	85.1	43.4	10.3	81.1	74
	11-15	100.0	100.0	100.0	100.0	100.	99.3	90.9	51.0	10.3	81.0	574
	16-18	100.0	100.0	100.0	100.0	99.4	91.6	71.0	31.	10.3	75.4	608
	19-21	100.0	100.0	100.0	98.9	89.7	84.0	34.7	11.1	7.8	61.	974
	22-24	100.0	100.0	99.8	96.3	77.7	50.7	26.0	8.1	1.8	31.	924
	25-27	100.0	100.0	100.0	96.6	80.1	51.	26.0	9.	1.0	20.1	974
	28-31	100.0	100.0	99.0	99.4	94.4	74.1	43.9	18.1	4.3	60.0	924
	ALL-DAY	100.0	100.0	100.0	100.0	99.7	93.7	71.1	32.3	7.7	70.9	923
TOTALS		100.0	100.0	100.0	98.9	90.9	77.7	56.1	26.	8.3	70.4	5074

WOODBRIDGE RAF UNITED KINGDOM REVISED UNIFORM SUMMARY
OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. 07 MAR 84
USAFETAC/DS-84/011 S81-AD-E850 623 F/G 4/2

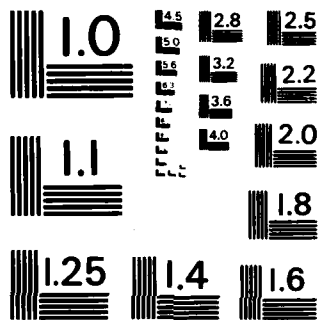
UNCLASSIFIED

OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 07 MAR 84
USAFETAC/DS-84/011 SBI-AD-E850 623 F/G 4/

F/G 4/2

NL

END
DATE
FEB 11 1964
STL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

RELATIVE HUMIDITY

JUN

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	6-82	100.0	100.0	100.0	100.0	99.9	99.4	94.3	56.9	15.5	82.5	612
	7-85	100.0	100.0	100.0	100.0	100.0	99.5	97.4	62.5	21.7	84.0	611
	86-88	100.0	100.0	100.0	100.0	99.8	94.0	77.4	33.4	9.9	76.8	672
	89-91	100.0	100.0	100.0	99.8	97.1	66.6	34.0	9.8	1.9	65.7	897
	92-94	100.0	100.0	99.9	96.7	81.5	52.0	24.2	5.5	1.3	61.5	898
	95-97	100.0	100.0	99.8	97.0	83.7	53.5	24.3	6.0	1.7	62.0	898
	98-20	100.0	100.0	100.0	99.1	94.5	76.5	49.2	14.9	3.6	69.2	898
	21-23	100.0	100.0	100.0	100.0	99.6	95.1	80.8	38.5	9.7	77.9	899
TOTALS		100.0	100.0	100.0	99.1	93.9	79.6	67.2	28.4	8.7	72.5	6985

FORM
NM 44

0-87-S (OL A)

RELATIVE HUMIDITY

74-97

JUL

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	98.0	86.5	49.6	13.8	31.3	845
	03-05	100.0	100.0	100.0	100.0	100.0	99.1	91.3	53.0	17.7	81.9	652
	06-08	100.0	100.0	100.0	100.0	99.4	92.9	77.5	28.2	6.7	75.3	974
	09-11	100.0	100.0	100.0	99.0	87.4	58.9	29.7	8.5	.9	63.9	931
	12-14	100.0	100.0	99.7	95.4	75.1	45.2	20.7	6.3	.4	59.7	930
	15-17	100.0	100.0	99.9	96.2	79.2	50.6	20.0	5.7	1.0	60.7	929
	18-20	100.0	100.0	99.9	99.4	93.1	71.2	42.5	12.2	2.5	67.6	929
	21-23	100.0	100.0	100.0	100.0	99.4	92.6	74.7	31.6	7.7	76.1	931
TOTALS		100.0	100.0	99.9	98.8	91.7	76.1	54.4	24.5	6.3	70.7	7249

USAFETACFORM
FD-36

0-87-5 (OL A)

RELATIVE HUMIDITY

AUG

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	97.7	84.0	35.5	8.4	78.3	924
	03-05	100.0	100.0	100.0	100.0	100.0	99.2	89.6	44.3	13.2	90.1	924
	06-08	100.0	100.0	100.0	100.0	99.9	95.6	75.8	29.4	6.7	76.2	928
	09-11	100.0	100.0	100.0	99.0	88.2	57.0	25.8	6.1	2.4	63.4	930
	12-14	100.0	100.0	100.0	94.7	77.9	37.3	14.4	2.6	.5	57.7	930
	15-17	100.0	100.0	99.8	94.3	73.7	43.5	17.0	3.0	.4	58.8	930
	18-20	100.0	100.0	100.0	99.4	93.4	71.7	40.0	9.6	1.5	67.3	930
	21-23	100.0	100.0	100.0	100.0	99.8	92.5	71.5	24.3	4.5	75.0	930
TOTALS		100.0	100.0	100.0	98.4	97.7	74.3	52.4	19.4	4.6	69.6	7426

FORM
AA-64

0-87-5 (OL A)

RELATIVE HUMIDITY

73-92

35P

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	96.9	81.0	38.7	8.4	77.9	900
	03-05	100.0	100.0	100.0	100.0	100.0	98.7	88.0	42.1	9.4	79.3	900
	06-08	100.0	100.0	100.0	100.0	99.9	97.1	81.0	37.0	7.1	77.6	900
	09-11	100.0	100.0	100.0	99.7	92.3	67.0	38.3	11.0	1.3	55.5	900
	12-14	100.0	100.0	99.9	94.4	75.2	43.2	22.2	5.1	.4	59.7	900
	15-17	100.0	100.0	99.9	95.2	78.8	50.0	26.6	6.3	.7	61.5	900
	18-20	100.0	100.0	100.0	99.8	95.1	79.0	52.6	18.8	2.3	70.2	900
	21-23	100.0	100.0	100.0	100.0	99.9	92.3	71.6	31.7	6.2	75.5	900
TOTALS		100.0	100.0	100.0	98.6	92.7	78.0	57.7	23.9	4.4	71.7	7200

FORM
FD-44

0-87-5 (OL A)

RELATIVE HUMIDITY

307

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	100.0	97.8	87.2	46.3	8.9	79.9	930
	03-05	100.0	100.0	100.0	100.0	100.0	97.4	86.8	51.4	12.5	80.6	930
	06-08	100.0	100.0	100.0	100.0	100.0	97.0	86.8	51.1	11.9	80.3	929
	09-11	100.0	100.0	100.0	100.0	99.2	88.3	65.5	23.9	5.7	73.8	930
	12-14	100.0	100.0	100.0	99.8	94.5	70.9	45.9	14.9	3.2	65.3	930
	15-17	100.0	100.0	100.0	99.9	95.9	78.9	53.4	17.8	3.7	70.5	930
	18-20	100.0	100.0	100.0	100.0	99.9	94.4	76.0	32.7	5.6	76.7	930
	21-23	100.0	100.0	100.0	100.0	99.9	97.1	85.4	41.8	7.5	79.9	930
TOTALS		100.0	100.0	100.0	100.0	98.7	90.2	73.4	35.0	7.5	76.1	7439

FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

75951 WOODBRIDGE RAF UK

73-80

NOV

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	99.5	94.4	79.0	48.3	18.6	79.8	800
	03-05	100.0	100.0	100.0	100.0	99.6	96.6	87.4	45.8	18.8	80.1	794
	06-08	100.0	100.0	100.0	100.0	99.6	97.1	81.8	48.6	20.0	80.7	801
	09-11	100.0	100.0	100.0	100.0	99.4	93.0	72.0	38.4	12.8	77.5	810
	12-14	100.0	100.0	100.0	100.0	97.5	85.2	63.4	26.5	8.3	77.6	812
	15-17	100.0	100.0	100.0	99.9	98.8	98.3	67.4	34.7	11.6	75.8	810
	18-20	100.0	100.0	100.0	100.0	99.7	93.5	76.5	45.1	14.7	78.7	810
	21-23	100.0	100.0	100.0	100.0	99.5	94.4	79.1	47.8	17.2	79.5	809
TOTALS		100.0	100.0	100.0	100.0	99.2	92.8	75.0	41.9	15.3	78.2	6446

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

73-74, 76-82

350

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	1-3-32	100.0	100.0	100.0	100.0	99.6	96.0	76.6	42.4	14.7	78.7	768
	10-25	100.0	100.0	100.0	100.0	99.7	97.6	77.6	42.3	15.9	79.1	735
	6-28	100.0	100.0	100.0	100.0	100.0	97.2	79.6	45.3	14.7	79.6	763
	9-11	100.0	100.0	100.0	100.0	99.9	96.5	75.9	40.4	13.8	78.7	825
	12-14	100.0	100.0	100.0	100.0	99.2	90.8	65.3	32.1	9.5	75.7	825
	15-17	100.0	100.0	100.0	100.0	99.4	92.4	69.6	36.6	12.1	77.	825
	18-21	100.0	100.0	100.0	100.0	99.9	95.4	76.8	41.6	12.1	78.4	824
	21-23	100.0	100.0	100.0	100.0	100.0	96.6	78.2	44.9	14.0	79.2	820
TOTALS		100.0	100.0	100.0	100.0	99.7	95.3	74.9	40.7	13.4	78.3	6385

USAFETACFORM
N.B. 4.4

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

RELATIVE HUMIDITY

135951 WOODBRIDGE RAF UK

77-83

ALL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	99.3	92.7	69.4	35.7	9.8	70.4	6453
FEB		100.0	100.0	100.0	100.0	98.5	89.4	63.6	35.4	11.1	75.5	5375
MAR		100.0	100.0	100.0	99.9	97.5	88.4	67.3	38.7	9.9	75.6	6779
APR		100.0	100.0	100.0	98.9	93.6	80.2	55.6	25.9	5.5	71.5	6944
MAY		100.0	100.0	100.0	98.9	92.9	77.7	56.1	26.0	9.3	71.4	7187
JUN		100.0	100.0	100.0	99.1	93.9	79.6	50.2	28.4	9.7	72.5	6985
JUL		100.0	100.0	99.9	98.8	91.7	76.1	54.4	24.5	6.3	70.7	7249
AUG		100.0	100.0	100.0	98.4	91.7	74.3	52.4	19.4	4.5	69.6	7426
SEP		100.0	100.0	100.0	98.6	92.7	78.0	57.7	23.9	4.4	71.0	7200
OCT		100.0	100.0	100.0	100.0	98.7	90.2	73.4	35.0	7.5	76.1	7439
NOV		100.0	100.0	100.0	100.0	99.2	92.8	75.0	41.9	15.3	78.2	6446
DEC		100.0	100.0	100.0	100.0	99.7	95.3	74.9	40.7	13.4	78.3	6385
TOTALS		100.0	100.0	100.0	99.4	95.7	84.6	63.3	31.3	8.6	73.9	82368

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

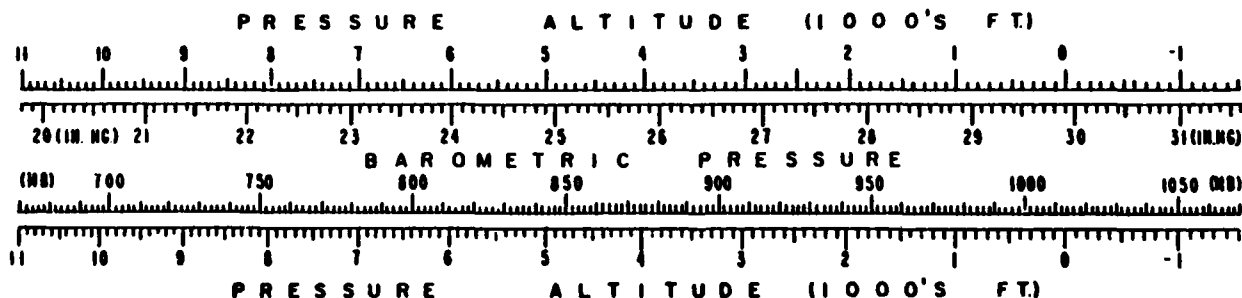
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars. DATA NOT AVAILABLE

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

035951 WOODBRIDGE RAF UK

73-83

STATION		STATION NAME												YEARS	
HRS	EST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00	MEAN	29.843	29.848	29.733	29.975	29.841	29.978	29.909	29.913	29.872	29.873	29.870	29.716	29.847	
	S D	.389	.400	.336	.284	.241	.216	.182	.194	.267	.322	.329	.446	.315	
	TOTAL OBS	277	253	264	264	278	270	281	308	300	310	270	274	3349	
03	MEAN	29.851	29.676	29.752	29.892	29.828	29.897	29.896	29.902	29.860	29.791	29.863	29.714	29.842	
	S D	.374	.395	.336	.281	.242	.218	.185	.195	.262	.320	.331	.437	.379	
	TOTAL OBS	247	225	241	264	278	270	284	308	300	310	265	245	3237	
06	MEAN	29.842	29.873	29.709	29.895	29.836	29.899	29.899	29.905	29.861	29.791	29.859	29.706	29.842	
	S D	.379	.396	.336	.291	.244	.223	.188	.197	.265	.319	.333	.434	.317	
	TOTAL OBS	247	225	248	266	280	273	284	308	300	310	265	245	3251	
09	MEAN	29.834	29.855	29.756	29.901	29.853	29.909	29.907	29.918	29.878	29.810	29.870	29.722	29.852	
	S D	.400	.404	.337	.276	.248	.223	.188	.199	.270	.320	.334	.435	.314	
	TOTAL OBS	276	253	300	300	308	299	310	310	300	310	270	275	3513	
12	MEAN	29.831	29.856	29.753	29.899	29.852	29.907	29.904	29.915	29.873	29.808	29.862	29.719	29.849	
	S D	.402	.405	.333	.274	.248	.222	.187	.198	.269	.318	.337	.433	.313	
	TOTAL OBS	278	253	301	300	308	298	310	310	300	310	271	275	3514	
15	MEAN	29.813	29.835	29.738	29.885	29.843	29.897	29.896	29.906	29.858	29.796	29.845	29.710	29.837	
	S D	.402	.402	.326	.273	.246	.219	.183	.193	.262	.311	.340	.430	.311	
	TOTAL OBS	278	253	300	300	308	299	310	310	300	310	270	275	3513	
18	MEAN	29.829	29.843	29.747	29.885	29.839	29.893	29.889	29.901	29.860	29.806	29.860	29.721	29.840	
	S D	.404	.400	.324	.272	.243	.217	.181	.190	.257	.312	.339	.430	.309	
	TOTAL OBS	278	253	301	300	308	299	309	310	300	310	270	275	3513	
21	MEAN	29.841	29.849	29.756	29.911	29.856	29.907	29.904	29.918	29.876	29.810	29.869	29.719	29.852	
	S D	.396	.399	.331	.275	.240	.218	.178	.190	.259	.317	.338	.439	.311	
	TOTAL OBS	278	253	301	300	309	300	310	310	300	310	270	274	3515	
ALL HOURS	MEAN	29.835	29.854	29.739	29.895	29.844	29.902	29.900	29.910	29.867	29.802	29.862	29.716	29.845	
	S D	.394	.400	.332	.276	.244	.219	.184	.194	.263	.317	.334	.435	.311	
	TOTAL OBS	2161	1968	2256	2298	2377	2308	2398	2474	2400	2480	2151	2138	27405	

END

DATE
FILMED

6-84

DTIC